



F. G. Wetmore.

1905.

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50

March 25, 1905 - May 31, 1905. Number 888-1198 } inclusion.

Independence, Kansas. Eggs 70-83

Minco Indian Territory.

1905

a wetmore

888 *Pipilo erythrophthalmus*

889. *Zonotrichia querula*

890 *Passerculus sandwichensis*
claudimus

891. *Thryothorus ludovicianus*

892. *Aegialitis vocifera*

893. *Lanius ludovicianus*
excubitorides

894. *Lanius ludovicianus*
excubitorides

March 25, Saturday.
888. *Pipilo erythrophthalmus*. Q. Wetmore. Old Field, Independence, Kansas, iris bright reddish brown. bill black. tarsus brown. Length 8, wing $3\frac{1}{2}$ tail $3\frac{1}{6}$ ♂ ad. stomach contents seeds.

889. *Zonotrichia querula*. Q. Wetmore. Old Field, Independence, Kansas, iris dull brown. bill pale, dull cinnamon. tip slightly brownish. tarsus buffy brown. Length 7 wing $3\frac{1}{4}$ tail $3\frac{1}{4}$ ♀ im. stomach contents. seeds.

890. *Passerculus sandwichensis claudimus*. Q. Wetmore. Old Field, Independence, Kansas, iris dark brown. maxilla & tip of mandible dull brown. rest of mandible & maxillary tomia dull buff brown. tarsus pale buff brown. Length 5 wing $2\frac{7}{8}$ tail $1\frac{5}{16}$ ♀ ad. stomach contents. seeds.

891. *Thryothorus ludovicianus*. Q. Wetmore. Old Field, Independence, Kansas, iris dull brown. maxilla & tip of mandible dull brown. rest of mandible dull horn. tarsus clay brown. Length $5\frac{3}{8}$ wing $2\frac{5}{16}$ tail $1\frac{3}{4}$ ♀ ad. stomach contents. insects.

892. *Aegialitis vocifera*. Q. Wetmore. Prairie 3 miles east of Independence, Kansas, iris dark brown. bill dusky black. tarsus dull horn. joints & crura faintly bluish slate. Length $9\frac{7}{8}$ wing $6\frac{1}{2}$ tail $3\frac{7}{8}$ ♀ ad. stomach contents. insects.

893. *Lanius ludovicianus excubitorides*. Q. Wetmore. Santa Fe R.R. east of Independence, Kan. iris dull brown. tarsus dusky. bill black. Length $8\frac{3}{8}$ wing $3\frac{7}{8}$ tail $3\frac{1}{16}$ ♀ ad. stomach contents insects.

894. *Lanius ludovicianus excubitorides*. Q. Wetmore. Santa Fe R.R. east of Independence, Kansas, iris dull brown. bill black. tarsus dusky black. Length $8\frac{1}{2}$ wing $3\frac{7}{8}$ tail $3\frac{1}{16}$ ♀ ad. stomach contents insects.

895. *Lanius ludovicianus excubitorides*

896. *Lanius ludovicianus excubitorides*

Carolina Wren

Bluebird
English Sparrow.

Towhee

White-rumped Shrike

895. *Lanius ludovicianus excubitorides*. G. Wetmore.
Santa Fe R.R. east of Independence, Kansas, iris
dull brown. bill black. Cereus black. Length $8\frac{1}{8}$
wing $3\frac{1}{16}$ tail $3\frac{3}{8}$ Fat. Stomach contents insects

896. *Lanius ludovicianus excubitorides*. G. Wetmore.
Santa Fe R.R. east of Independence, Kansas, iris
dull brown. bill black. Cereus dusky black.
Length $8\frac{5}{8}$ wing 4 tail $3\frac{1}{16}$ Fat. Stomach contents
insects

This morning it was bright and
sunny but a strong wind was blowing.
Followed the Santa Fe R.R. east for quite a
distance. As I went into the old road I saw
a Carolina Wren and waited to get a shot at
it. It crept around through the weeds and
bushes and finally flew to a perch on a
twig beside a bank and sat there for nearly
a minute. I shot and when I picked it
up I found a nest not quite finished in
a hole in a bank. It was round and had
a hole in the side. The male was singing
at a distance.

Saw a pair of Bluebirds flitting around
a hole in a willow and the English Sparrow
were by their nest.

Heard a Towhee singing quite as they
do at home. He sat in the top of a brush-pile
and sang with only slight intervals between
the divisions of song.

I got four White-rumped Shrikes along
the track. One sat in a hedge giving a queer
note until I was very close. On going to pick
it up I found a newly started nest beside
it. It was sitting only a few feet away from it
while calling. This was a female and its

White-rumped Shrike.

Killdeer

Field Sparrow.

mate sat on a telegraph wire about thirty rods away. I went over and got him too. The female was smaller and was duller colored underneath. Another was secured farther on from a telegraph wire. The fourth one sat on a wire until I was nearly in range and then flew with the wind over my head. He was going like a streak but I managed to get him.

One Killdeer was seen running around in a wheat field and two or three others flew over calling. In one field as I came to a fence I saw about twenty-five scattered around. They flew and after circling awhile in a fairly close flock lit in a plowed field where I got one. The others only flew a short distance. When they came up they always came back as though going to fly over my head but never did so.

Along Mouse Creek were a number of sumach clumps. They were grown thickly with small blackberry vines and there were a number of field sparrows in them. The birds only kept about six feet away and I could hardly frighten them farther. The bushes were so thick that I could barely force my way through. When I did seize up one of the sparrows it immediately dropped again into the briars. One or two were in the long grass beside the clump. These birds were more as tame as that at home. I tried to get a shot for a while but finally gave it up as when I could see them they were too close to me.

897. *Melospiza georgiana*

898 *Regulus cabindula*

899. *Zonotrichia leucophrys*

900 *Cardinalis cardinalis*

901 *Zonotrichia querula*

902 *Zonotrichia querula*

White-crowned Sparrow

March 29, Wednesday.
897. *Melospiza georgiana*. A. Wetmore, Old Field, Independence, Kansas, iris drab brown. base of culmen dull greenish buff. maxilla same. rest of maxilla dusky. rest of mandible greenish slate. tarsus light brown. Length $5\frac{1}{2}$ wing $2\frac{1}{4}$ tail $2\frac{3}{16}$ ♀ ad. stomach contents seeds.

898. *Regulus cabindula*. A. Wetmore. Old Field, Independence, Kansas, iris drab brown. bill dusky brown. tarsus same. Length $4\frac{5}{16}$ wing $2\frac{5}{16}$ ♂ ad. stomach contents insects.

899. *Zonotrichia leucophrys*. A. Wetmore, Old Field, Independence, Kansas, iris brown. bill dull cinnamon nostrils + tip dusky. tarsus dull cinnamon brown. Length $6\frac{3}{4}$ wing $3\frac{1}{4}$ tail $2\frac{13}{16}$ ♂ im. stomach contents insects.

900. *Cardinalis cardinalis*. A. Wetmore, Old Field, Independence, Kansas, iris brown. bill light red. tarsus brown. Length 8 wing $3\frac{1}{16}$ tail $3\frac{7}{8}$ ♀ ad. stomach contents seeds.

901. *Zonotrichia querula*. A. Wetmore, Old Field, Independence, Kansas, iris brown. bill dull cinnamon brown. tarsus dull cinnamon. Length $7\frac{1}{2}$ wing $3\frac{3}{16}$ tail $3\frac{3}{8}$ ♂ ad. stomach contents seeds.

902 *Zonotrichia querula*. A. Wetmore, Old Field, Independence, Kansas, iris brown. bill pale dull cinnamon brown. tarsus brown. Length $7\frac{1}{8}$ wing $3\frac{1}{2}$ tail $3\frac{1}{4}$ ♂ im. stomach contents seeds.

Tonight I went down in the Old Field. White-crowned Sparrows are getting somewhat common. I heard one give a fine song from a tree. It was as clear-cut and perfect as possible. In the morning six or eight were feeding in the open yard.

Cooper Hawk
Bronzed Grackle

Passer domesticus
Cooper Hawk.

Harris Sparrow.

Vesper Sparrow

Carolina Wren

Ruby crowned Kinglet.

Swamp Sparrow

In the morning a Cooper Hawk came dashing down among the trees. Several Bronzed Grackles that were circling around in the air followed after it but not very close. The Sparrows (*P. domesticus*) were much excited. The Hawk finally flew off.

Harris Sparrows, that is the immature specimens are molting now. I shot one that I could not keep. They are not so common as they were and I miss their large olive forms flying out ahead of me.

Along the river Vesper Sparrows were sitting clear in the tops of the cottonwoods singing. I never saw them do this at home. In some the song was clear while in others it was more or less broken. They sat clear in the topmost limbs.

Since I shot that female Carolina Wren the male has been singing loudly all day long. Before I only heard him occasionally but now he is at it constantly moving around from one cover to another.

Along the river I secured a Ruby crowned Kinglet. It hopped around in the newly opened leaves and scolded at me occasionally. Once it made a catch after an insect and caught it with a snap. Heard another make a feeble attempt at song.

Saw a Swamp Sparrow in a field. It ran rapidly and rather crookedly through the grass and I could hardly keep my eye on it. Once or twice it flew two or three feet and finally started out for a long flight and I got it.

903. *Parus atricapillus*

904. *Sayornis phoebe*

905. *Parus bicolor*

906. *Zonotrichia albicollis*

Harris Sparrow
White-crowned Sparrow
Harris Sparrow

Song Sparrow

Tufted Titmouse

March 30, Friday.

903. *Parus atricapillus*. A. Wetmore. Bottom Woods, Independence, Kansas, iris drab brown. bill dusky black. tarsus bluish slate. Length $4\frac{9}{16}$ wing $2\frac{1}{2}$ tail $2\frac{1}{8}$ ♀ ad. Stomach contents insects.

904. *Sayornis phoebe*. A. Wetmore. Oak Woods, Independence, Kansas, iris brown. bill black. tarsus black. Length $6\frac{1}{4}$ wing $3\frac{1}{4}$ tail $2\frac{5}{8}$ ♀ ad. Stomach contents insects.

905. *Parus bicolor*. A. Wetmore. Bottom Woods, Independence, Kansas, iris brown. bill black. tarsus slate. Length $6\frac{1}{8}$ wing $3\frac{5}{16}$ tail $2\frac{3}{4}$ ♂ ad. Stomach contents insects.

906. *Zonotrichia albicollis*. A. Wetmore. Old field, Independence, Kansas, iris brown. base of gonyes dull buff. maxillary tomia + rest of mandible dull grayish slate. rest of maxilla slaty brown. tarsus pale brown. Length $6\frac{1}{4}$ wing $2\frac{3}{8}$ tail $2\frac{3}{4}$ ♀ im. Stomach contents seeds.

Tonight I went up the Verdigris to the Bottom Woods. Harris Sparrows were common for a ways. I looked carefully for White-crowns but could not find them. The juncos were picking in the bushpiles. When they lit they immediately hopped toward the center only one or two perching in sight. When they flew they generally hopped into an opening so as to have a clear space.

The Song Sparrows are nearly all gone. I scoured up two or three and heard one or two sing this afternoon. They do not sing here as they do at home. I have only heard a few good songs this spring. A few weeks ago they were everywhere.

The Tufted Titmice were singing loudly in

Tufted Titmouse (con.)

Western Red tail

907. *Poliptila caerulea*

908 *Astragalinus tristis*

909. *Sayornis phoebe*

910. *Zonotrichia leucophrys*

911. *Spizella pusilla*

Set 60 B. in box

See Aug 11 1917

912. *Zonotrichia albicollis*

the woods. They sat quiet to sing and then began to pick around and hang to the limbs. They were hard to find when they sat quiet.

A single Western Red-tail passed slowly over to the south against the wind. It was a fine dark specimen but was too high up for a shot. It tipped and zigzagged a little but kept a generally straight course.

March 31, Friday.

907 *Poliptila caerulea*. A. Wetmore. Elk River, Independence, Kansas, iris brown. bill black. base of mandible slaty. tarsus slaty black. Length $4\frac{11}{16}$ wing $2\frac{1}{4}$ tail $2\frac{1}{16}$ ♂ ad. stomach contents insects.

908 *Astragalinus tristis*. A. Wetmore. Sumach gully, Independence, Kansas, iris brown. bill dusky brown. base of culmen pale. base of mandible dull buff. tarsus brown. Length 5 wing $2\frac{3}{8}$ tail $1\frac{7}{8}$ ♀ ad. 2 stomach contents. small white grub.

909. *Sayornis phoebe*. A. Wetmore. Sumach gully, Independence, Kansas, iris brown. bill black. tarsus dusky. Length $6\frac{5}{8}$ wing $3\frac{3}{8}$ tail $2\frac{3}{4}$ ♀ ad. stomach contents. insects.

910. *Zonotrichia leucophrys*. A. Wetmore. Road north of Independence, Kansas, iris brown. bill dull cinnamon. tip dusky. tarsus dull cinnamon brown. Length $6\frac{3}{8}$ wing $3\frac{1}{4}$ tail $2\frac{1}{16}$ ♂ ad. stomach contents seeds.

911. *Spizella pusilla*. A. Wetmore. Sumach gully, Independence, Kansas, iris brown. bill cinnamon. tarsus same. Length $5\frac{1}{2}$ wing $2\frac{3}{4}$ tail $2\frac{5}{8}$ ♂ ad. stomach contents. seeds.

912. *Zonotrichia albicollis*. A. Wetmore. Old Field, Independence, Kansas, iris brown. bill dusky. base of gonys dull buff. rest of mandible dull

912 *Zonotrichia albicollis* (con.)

913 *Passerculus sandwichensis*
savanna

Savanna Sparrow

Blue-gray Gnatcatcher

Rufpoll
Blue-gray Gnatcatcher.

Field Sparrow

Bronzed Grackle

greenish slate. tarsus buffy brown. Length $6\frac{1}{2}$ wing 3
tail $2\frac{7}{8}$ ♀ ad. stomach contents seeds

913. *Passerculus sandwichensis* savanna. A. Wetmore.
Prairie north of Independence, Kansas, iris brown.
maxilla and tip of mandible dusky brown. rest of
bill dull buff. tarsus buffy brown. Length $5\frac{1}{4}$
wing $3\frac{15}{16}$ tail 2 ♂ ad. stomach contents seeds

Tonight I went north over the prairie. In one
place savanna sparrows were very thick. They are
in very poor plumage now. When flushed they
frequently took to the trees and perched high up
in the tops. I saw them running and flying
in all directions ahead of me.

In one place I found a single male
Blue-gray Gnatcatcher. It was hopping around in
the trees and seemed quite tame. It called
tze tze and also once chet chet which reminded
me exactly of a Rufpoll. The latter note was given
quite loud but the others would easily pass
unnoticed. The bird was in extremely handsome
plumage, much better than the summer
specimens. It was quite restless but frequently
remained motionless for a minute or two
calling.

Found the Field Sparrows as usual in the
sumach bushes which were thickly grown
with blackberries. It was almost impossible
to flush or even to see them. The one that I got
was sitting in a little bush preening his feathers.

Tonight about one hundred Bronzed Grackles
flew over in a fairly close flock flying with
a wavy outline. They circled around and
finally dropped down in the oak woods north
of town.

March Bird list 1905

Carolina Wren
 Cardinal
 Bluebird
 Prairie Horned Lark
 Junco
 American Goldfinch
 Crow
 English Sparrow
 Harris Sparrow.
 Robin
 Bluejay
 Downy Woodpecker
 Chickadee
 Purple Finch.
 Tufted Titmouse
 Fox Sparrow.
 White-crowned Sparrow
 Red-bellied Woodpecker.
 White-breasted Nuthatch
 Savanna Sparrow
 Chestnut-collared Longspur
 Hairy Woodpecker.
 Western Tree Sparrow.
 American Rough-legged Hawk.
 Western Meadowlark.
 Brown Creeper
 Cedar Waxwing
 Lincoln Sparrow.
 Lapland Longspur
 White-rumped Shrike.
 Field Sparrow.
 Red-winged Blackbird
 Rusty Blackbird
 Killdeer.
 Leconte Sparrow.

March, Birdlist

Sparrowhawk.
 Green-winged Teal
 Flicker
 Canada Goose.
 Mallard
 Western Savanna Sparrow.
 Meadowlark
 Blue-winged Teal
 Smith Longspur.
 Towhee.
 White-throated Sparrow
 Screech Owl.
 Red-tailed Hawk.
 Western Red-tail.
 Sharp-shinned Hawk.
 Cooper Hawk.
 Bronzed Grackle
 Marsh Hawk
 Phoebe.
 Cowbird
 Vesper Sparrow.
~~Western Meadowlark~~
 Wilson Snipe.
 Yellow-bellied Woodpecker
 Swamp Sparrow.
 Purple Martin.
 Blue-gray Gnatcatcher.
 62 Ruby-crowned Kinglet.

914. *Poliophtila caerulea*

915. *Regulus calendula*

916. *Parus atricapillus*

917. *Dendroica virens*

918. *Mniotilta varia*

919. *Melospiza lincolni*

920. *Spizella pusilla*

921. *Spizella pusilla*

922. *Seiurus motacilla*

April 1, Saturday.

914. *Poliophtila caerulea*. A. Wetmore. Oak Woods, Independence, Kansas, iris brown. bill black. base of mandible paler. tarsus black. Length $4\frac{3}{4}$ wing $2\frac{1}{2}$ tail $1\frac{7}{8}$ ♂ ad. Stomach contents insects.

915. *Regulus calendula*. A. Wetmore. Bottom Woods, Independence, Kansas, iris brown. bill brownish black. tarsus very dark brown. Length $4\frac{5}{16}$ wing $2\frac{7}{16}$ tail $1\frac{3}{4}$ ♂ ad. Stomach contents insects.

916. *Parus atricapillus*. A. Wetmore. Bottom Woods, Independence, Kansas, iris brown. bill black. tarsus dull slate. Length $4\frac{3}{4}$ wing $2\frac{5}{8}$ tail $2\frac{3}{16}$ ♀ ad. Stomach contents insects.

917. *Dendroica virens*. A. Wetmore. Bottom Woods, Independence, Kansas, iris brown. bill black. tarsus dark brown. Length $4\frac{1}{2}$ wing $2\frac{1}{2}$ tail $1\frac{7}{8}$ ♂ ad. Stomach contents insects.

918. *Mniotilta varia*. A. Wetmore. Bottom Woods, Independence, Kansas, iris brown. bill black. tarsus black. Length $4\frac{7}{8}$ wing $2\frac{7}{8}$ tail $1\frac{5}{16}$ ♂ ad. Stomach contents insects.

919. *Melospiza lincolni*. A. Wetmore. Elk River, Independence, Kansas, iris brown. base of gonyx dull buff. rest of mandible & maxillary tomia dull slate. rest of maxilla dusky. tarsus brown. Length $5\frac{7}{8}$ wing $2\frac{1}{16}$ tail $2\frac{1}{2}$. ♂ ad. Stomach contents seeds.

920. *Spizella pusilla*. A. Wetmore. Oak Woods, Independence, Kansas, iris brown. bill dull cinnamon. tarsus pale brown. Length $5\frac{1}{4}$ wing $2\frac{1}{2}$ tail $2\frac{1}{4}$ ♂ ad. Stomach contents seeds.

921. *Spizella pusilla*. A. Wetmore. Oak Woods, Independence, Kansas, iris brown. bill dull cinnamon. tarsus pale brown. Length $5\frac{3}{16}$ wing $2\frac{1}{16}$ tail $2\frac{1}{2}$ ♀ ad. Stomach contents seeds.

922. *Seiurus motacilla*. A. Wetmore. Bottom Woods, Independence, Kansas, iris dark brown. bill brownish black. base of mandible paler. tarsus

922. *Seiurus motacilla* (con.)

923. *Junco hyemalis*

924. *Melospiza cinerea melodia*

925. *Zonotrichia albicollis*

926. *Zonotrichia querula*

927. *Cardinalis cardinalis*

General

Black-throated Green Warbler

Louisiana Water Thrush

brown. Length $5\frac{3}{4}$ wing $3\frac{3}{8}$ tail $2\frac{1}{16}$ Pad. stomach contents insects

923. *Junco hyemalis*. A. Wetmore. Elk River Woods, Independence, Kansas, iris brown. bill dull whitish tip dusky. nostrils brownish. tarsus dull brown. Length $5\frac{1}{16}$ wing $3\frac{1}{8}$ tail $2\frac{5}{8}$ Pad. stomach contents seeds

924. *Melospiza cinerea melodia*. A. Wetmore, Elk River, Independence, Kansas, iris brown. base of gonyx dull buff, rest of mandible dull slate. maxilla dusky. tarsus pale buffy brown. Length $6\frac{1}{8}$ wing $2\frac{1}{16}$ tail $2\frac{5}{8}$ Pad. stomach contents seeds

925. *Zonotrichia albicollis*. A. Wetmore. Elk River Woods, Independence, Kansas, iris brown. base of mandible very dull buff. rest of mandible dull greenish slate. maxilla dusky brown. Length $6\frac{1}{4}$ wing $2\frac{7}{8}$ tail $2\frac{1}{16}$ Pad. stomach contents seeds

926. *Zonotrichia querula*. A. Wetmore. Elk River Woods, Independence, Kansas, iris brown. bill dull cinnamon. tarsus brown. Length 7 wing $3\frac{5}{16}$ tail $3\frac{1}{8}$ Pad. stomach contents seeds

927. *Cardinalis cardinalis*, A. Wetmore. Verdigris River, Independence, Kansas, iris brown. bill light red. tarsus clay brown. Length $7\frac{3}{4}$ wing $3\frac{5}{8}$ tail $3\frac{5}{8}$ Pad. stomach contents seeds

This morning Carl Song, Lester Disney and I went up the river. It was very warm and the leaves ~~on~~ the trees were about half out.

We had hardly got started before I heard a series of notes of song from a Black-throated Green Warbler and saw the bird clumping around on the end of a limb and got it. It was a fine specimen.

Further on I scared up a Louisiana Water Thrush. It lit in a tree and began to sing at intervals. This is one of the prettiest songs I

Turkey Vulture (con.)

Blue-gray Gnatcatcher

928. *Parus bicolor*

929. *Poliophtila caerulea*

930. *Cyanocitta cristata*

931. *Regulus calendula*

932. *Carpodacus purpureus*

swift and like a hawk and they soared gracefully. I was surprised to see their flight. I had always imagined that it was slow and cumbersome.

In the flat Woods two or three blue-gray gnatcatchers were seen and one secured. Their vocal notes could scarcely be heard above the sound of the wind in the trees. The one I got was hopping restlessly through the trees after insects. Once it tumbled down hurriedly after one.

April 3, Monday.

928. *Parus bicolor*. A. Wetmore, Bottom Woods, Independence, Kansas, iris brown. bill black. Tarsus dull slate. Length $6\frac{3}{8}$ wing $3\frac{5}{16}$ tail $2\frac{3}{4}$ ♂ ad. stomach contents insects

929. *Poliophtila caerulea*. A. Wetmore, Bottom Woods, Independence, Kansas, iris dark brown. bill black. base of mandible dull horn. Tarsus black. Length $4\frac{1}{2}$ wing $2\frac{3}{8}$ tail $2\frac{1}{16}$ ♂ ad. stomach contents insects

930. *Cyanocitta cristata*. A. Wetmore, Bottom Woods, Independence, Kansas, iris brown. bill black. Tarsus black. Length $11\frac{1}{2}$ wing $5\frac{1}{16}$ tail $5\frac{5}{8}$ ♂ ad. stomach contents seeds

931. *Regulus calendula*. A. Wetmore, Bottom Woods, Independence, Kansas, iris brown. bill dusky brown. base of mandible slightly paler. Tarsus dark brown. Length $4\frac{3}{8}$ wing $2\frac{3}{8}$ tail $1\frac{5}{8}$ ♂ ad. stomach contents insects

932. *Carpodacus purpureus*. A. Wetmore, Bottom Woods, Independence, Kansas, iris brown. bill dull olive. base of mandible considerably paler. Tarsus brown. Length $5\frac{1}{8}$ wing $3\frac{1}{4}$ tail $2\frac{1}{8}$ ♀ ad. stomach contents seeds.

933. *Parus bicolor*

Ruby-crowned Kinglet

Purple Finch
Ruby-crowned Kinglet

Blue-gray Gnatcatcher.

Tufted Titmouse

Prairie Horned Lark

933. *Parus bicolor*. A Wetmore Bottom Woods, Independence, Kansas, iris brown. bill black. tarsus dull slate. Length $6\frac{1}{4}$ wing $3\frac{1}{4}$ tail $2\frac{5}{8}$ Tail 3 Toward contents insects.

Tonight it was rather chilly with a north wind. At times the sun shone but generally it was cloudy. In sheltered places along the river I found several flocks of Ruby-crowned Kinglets. They were very quiet and active but were silent because of the cold. A Purple Finch lit about eight inches away from one but they were perfectly placid. They kept moving along and after a time would all be gone.

With these were a few Blue-gray Gnatcatchers. I could generally distinguish them by the long tail and because occasionally it was held at an angle above the back. Once or twice one would fly down and light beside another with a low note and it always left. This was the only sign of fighting I noticed.

There were numbers of Tufted Titmice around. They gave soft low notes like tu-tu and were very hard to locate. Their colors are very inconspicuous and though they move around considerable are very hard to find. One song given is a slow pe-er pe-er while the other consists of the same notes given in a rapid lower tone. The first ones can be heard much further and are clearer in tone. These birds are mating now and I see them sometimes chasing each other with harsh scolding notes.

On the prairie east there are several pairs of Prairie Horned Larks but I can find no nests. One in particular I hunted for. The male bird flew a short distance when I

Prairie Horned Lark (con.)

Downy Woodpecker

934. *Passerculus sandwichensis*
savanna

935. *Passerculus sandwichensis*
savanna

936. *Melospiza georgiana*

937. *Otocoris alpestris* *pratensis*

first came and then began to feed. It stamped all over but could not raise his mate. Sometimes he gave an anxious note or flew to a new place. He was not at all afraid and when I approached simply squatted down at one side to let me pass.

Saw a pair of Downy Woodpeckers making a nest in a willow stub. When one had worked awhile it would give a low note and fly to another tree where its mate went to work. Once a Red-bellied Woodpecker lit on the tree and the male chased him around it until he left with a low chuckling note.

April 4, Tuesday.

934. *Passerculus sandwichensis* savanna. A. Wetmore. High Prairie 3 miles east of Independence, Kansas. iris brown. maxilla dark brown. tip of mandible light brown. rest dull buffy. tarsus pale brown. Length $5\frac{1}{8}$ wing $2\frac{3}{4}$ tail $1\frac{7}{8}$ Feet. stomach contents seeds.

935. *Passerculus sandwichensis* savanna. A. Wetmore. Old field, Independence, Kansas, iris brown. maxilla dark brown. mandible dull buffy brown. tarsus pale buffy brown. Length $5\frac{1}{2}$ wing $3\frac{1}{4}$ tail $2\frac{3}{8}$ Feet. stomach contents seeds.

936. *Melospiza georgiana*. A. Wetmore. Old field, Independence, Kansas, iris brown. maxilla dusky brown. base of mandible dull buff. rest dull greenish slate. Length $5\frac{1}{4}$ wing $2\frac{3}{8}$ tail $2\frac{1}{8}$ Feet. stomach contents seeds.

937. *Otocoris alpestris* *pratensis*. A. Wetmore. High Prairie $1\frac{1}{2}$ east of Independence, Kansas, iris brown. maxilla + tip of mandible dusky black. rest of mandible whitish brown. tarsus dusky. Length $6\frac{1}{8}$ wing 4 tail $2\frac{1}{2}$ Feet. stomach contents seeds.

General
Prairie Horned Lark

Mockingbird

Brown Thrasher

White-rumped Shrike
Brown Thrasher

Yellow-bellied Cuckoo
White-rumped Shrike
Carolina Wren

Tonight I went east along the Santa Fe Railroad. It was warm at first but later turned cold.

Saw quite a number of Prairie Horned Larks. They are ^{begin} to nest now and frequent the pasture in the short grass. The males are very bright-colored. I saw one that would hardly get out of my way. The flight song was observed several times. The birds looked like mere specks against the white clouds.

Saw one Mockingbird in a hedge but did not get a shot at it. It imitated a Blue Jay perfectly. When I came along it hid in the thicker bottom part of the hedge and made short flight ahead of me but on the other side of the bushes near the ground.

Saw two Brown Thrashers. One sat in a hedge singing and I went towards it. Two White-rumped Shrikes flew ahead of me and finally both perched just below the Thrasher. He spread his tail to its fullest extent and raised the feathers of his back until they stood out separately and lowered his head between his shoulders. All the while they were near he remained in that threatening attitude and eyed them intently without letting his gaze wander for an instant. I wonder what would have been the result if one had attacked him. I found a Yellow-bellied Cuckoo which I thought a Shrike had killed but it may have been a weasel.

Took that Carolina Wren's nest. It was in the side of a bank and formed a round ball of leaves, sticks roots and grass eight or nine inches in diameter.

938. *Cardinalis cardinalis*
 given to W. S. Shoults
 Nat. Geog. Soc. 8/11/32.

939. *Sphyrapicus varius*

940. *Sayornis phoebe*

941. *Melanerpes carolinus*

General

Harris Sparrow

Cardinal

Yellow-bellied Woodpecker

April 6, Thursday.

938. *Cardinalis cardinalis*. A. Wetmore, Bottom Woods, Independence, Kansas, iris brown. bill light red. Tarsus brown. Length $8\frac{3}{8}$ wing $3\frac{7}{8}$ tail $4\frac{5}{16}$ ♂ ad. Stomach contents seeds.

939. *Sphyrapicus varius*. A. Wetmore, Bottom Woods, Independence, Kansas, iris brown. bill dusky, tarsus drab green. Length $8\frac{1}{4}$ wing $4\frac{7}{8}$ tail $4\frac{1}{16}$ ♂ ad. Stomach contents insects.

940. *Sayornis phoebe*. A. Wetmore. Oak Woods, Independence, Kansas, iris brown. bill black. tarsus black. Length $6\frac{3}{4}$ wing $3\frac{1}{2}$ tail $2\frac{3}{4}$ ♂ ad. Stomach contents insects.

941. *Melanerpes carolinus*. A. Wetmore. Bottom Woods, Independence, Kansas, iris bright brown. bill dusky. base of gonys pale. tarsus drab green. Length $9\frac{1}{4}$ wing $5\frac{1}{4}$ tail 3 ♀ ad. stomach contents acorns + insects.

This morning I got up about six o'clock and went down along the river until eight. Things were rather quiet at first as there was a light frost along a bank of fog along the River. The Harris Sparrows had been roosting in the weed-grown brushpiles and now sat in the sun in their tops.

Along the river the Cardinals made the banks fairly echo. They sat in the top of the trees and sang constantly. One in the female dress also sang a few notes: I am sure it was a female but could not get a shot at it to prove it.

Heard a woodpecker tapping away at an oak and it proved to be *S. varius*. This

Yellow-bellied Woodpecker (con.)

general

Cowbird

Broad-winged Hawk
Cowbird
Bronzed Grackle942. *Thryothorus ludovicianus*943. *Parus bicolor*.944. *Poocetes gramineus confinis*945. *Poocetes gramineus confinis*

one was in fairly good condition though there was only one insect in its stomach. They must fare pretty slim here and that is probably why they are not as common as at home.

Birds however are surprisingly scarce for this time of the year. Just a slight cold spell seems to retard the migration and then the migrants vanish almost entirely. They are probably spread out all over.

Cowbirds were common flying up and down the river singly or in pairs. The males gave one note exactly like that of a Broad-winged Hawk. tee-ee or tee-hee. They flew just above the ridge and lit in the tree tops. A few Bronzed Grackles were also seen going north.

April 7 Friday.

942. *Thryothorus ludovicianus* A. Wetmore. Bottom Woods, Independence, Kansas, iris pale clay brown. Maxilla + tip of mandible dusky, rest of bill dull horn. Tarsus brown. Length $5\frac{1}{2}$ wing $2\frac{7}{8}$ tail $1\frac{7}{8}$ ♂ ad. stomach contents insects

943. *Parus bicolor*. A. Wetmore. Bottom Woods, Independence, Kansas, iris brown. Bill black. Tarsus dull slate. Length $6\frac{1}{4}$ wing $3\frac{5}{8}$ tail $2\frac{3}{4}$ ♂ ad. stomach contents insects

944. *Poocetes gramineus confinis*. A. Wetmore. High Prairie, Independence, Kansas, iris brown. Maxilla + tip of mandible rosy horn. rest of bill dull brown. Tarsus buff. Length 6 wing $3\frac{1}{8}$ tail $2\frac{1}{4}$ ♀ ad. stomach contents insects

945. *Poocetes gramineus confinis*. A. Wetmore. High Prairie, Independence, Kansas, iris brown. Maxilla + tip of mandible dusky. Maxilla + rest of

945. *Pooecetes gramineus confinis* (con.)

946. *Pooecetes gramineus*

947. *Pooecetes gramineus*

948. *Passerculus sandwichensis*
savanna

949. *Cyanocitta cristata*

Carolina Wren

Tufted Titmouse

mandible dull buffy horn. Tarsus pale buff brown. Length 6 wing $3\frac{3}{8}$ tail $2\frac{5}{8}$ ♀ ad. stomach contents seeds.

946. *Pooecetes gramineus*. A. Wetmore. High Prairie, Independence, Kansas, iris brown. Maxilla + tip of mandible dusky. Maxillary tibia + rest of mandible dull buff. Length $6\frac{1}{8}$ wing $3\frac{3}{8}$ tail $2\frac{5}{8}$ ♀ ad. stomach contents seeds.

947. *Pooecetes gramineus*. A. Wetmore. High Prairie, Independence, Kansas, iris brown. Maxilla + tip of mandible dusky. Maxillary tibia + rest of mandible dull buff. Length $6\frac{1}{4}$ wing $3\frac{3}{8}$ tail $2\frac{1}{4}$ ♀ ad. stomach contents seeds.

948. *Passerculus sandwichensis* savanna. A. Wetmore. High Prairie, Independence, Kansas, iris brown. Maxilla + tip of mandible dusky brown. Basal half of culmen brown. Base of mandible dull buff. Tarsus pale buffy brown. Length $5\frac{1}{8}$ wing $2\frac{3}{4}$ tail $1\frac{7}{8}$ ♀ ad. stomach contents seeds.

949. *Cyanocitta cristata*. A. Wetmore. Bottom Woods, Independence, Kansas, iris brown. Bill black. Tarsus black. Length $10\frac{3}{4}$ wing $5\frac{1}{8}$ tail $4\frac{3}{8}$ ♂ ad. stomach contents. acorns.

Tonight Carl Long and I went up the river. In one place a Carolina Wren flew into a bushpile and after some maneuvering I secured it. It would only come to the edge when the brush was tramped on and then I did not dare shoot. Finally it came out and went along a steep bank and I got it.

The Tufted Titmice are beginning to pair off. When the two are together one or both give a very shrill high tsu tsu. It is so shrill and high that the ear can scarcely detect it but it affects the ear-chime unpleasantly.

Vesper Sparrow +
Western Vesper Sparrow.

950. *Parus atricapillus*

951. *Polioptila caerulea*

952. *Astragalinus tristis*

953. *Polioptila caerulea*

954. *Polioptila caerulea*

In a cool little green hollow on the prairie were eight or ten Vesper Sparrows. They ran a head of us but when I shot flew into a tall cottonwood where I shot two more and one or two were still sitting in it when I came away. Two were undoubtedly eastern specimens and two western ones. I think that those I have secured heretofore have been the latter species also. The difference in wings & tails & bill is not so marked the difference in shade of the backs and the width of the stripes is clearly perceptible.

April 8, Saturday.

950. *Parus atricapillus*. A. Wetmore. Elk River, Independence, Kansas, iris brown. bill black. tarsus dull slate. Length 6 wing $2\frac{5}{8}$ tail $2\frac{1}{6}$ ♂ ad. stomach contents insects

951. *Polioptila caerulea*. A. Wetmore. Oak Woods, Independence, Kansas, iris brown. bill black. base of mandible tinged with slate. tarsus dull black. Length $4\frac{1}{2}$ wing $2\frac{1}{8}$ tail 2 ♂ ad. stomach contents insects

952. *Astragalinus tristis*. A. Wetmore. Bottom Woods. Independence, Kansas, iris brown. bill brownish olive. base all around dull orange. tarsus brown. Length $4\frac{7}{8}$ wing $2\frac{7}{8}$ tail $1\frac{3}{4}$ ♀ ad. stomach contents seeds

953. *Polioptila caerulea*. A. Wetmore. Oak Woods, Independence, Kansas, iris brown. bill black. base of mandible dull horn. tarsus dull black. Length $4\frac{3}{8}$ wing $2\frac{1}{8}$ tail $1\frac{7}{8}$ ♂ ad. stomach contents insects

954. *Polioptila caerulea*. A. Wetmore. Elk River, Independence, Kansas, iris brown. bill wholly black. tarsus dull black. Length $4\frac{3}{4}$ wing $2\frac{1}{4}$ tail $2\frac{1}{8}$ ♂ ad. stomach contents insects

955 *Minutella varia*

956 *Seiurus motacilla*

957 *Regulus calendula*

958 *Comptothlypis americana*
usneae

Louisiana Water Thrush

Parula Warbler

955. *Minutella varia*. A. Wetmore. Elk River, Arch-
pendence, Kansas, iris brown. bill brownish black.
tarsus dusky. Length $4\frac{3}{4}$ wing $2\frac{3}{4}$ tail $2\frac{1}{2}$ ♂ ad.
Stomach contents insect eggs.

956. *Seiurus motacilla*. A. Wetmore. Bottom Woods,
Independence, Kansas, iris brown. bill brownish
black. base of mandible pale brown. tarsus
dull buff. Length $5\frac{3}{4}$ wing $3\frac{1}{4}$ wing 2 ♂ ad. stomach
contents. insects.

957. *Regulus calendula*. A. Wetmore. Bottom Woods,
Independence, Kansas, iris brown. bill brownish
black. base of mandible slightly paler. tarsus
dark dull brown. Length $4\frac{3}{4}$ wing $2\frac{3}{8}$ tail $1\frac{3}{4}$ ♂ ad.
stomach contents insects.

958. *Comptothlypis americana usneae*. A. Wetmore.
Bottom Woods, Independence, Kansas, iris brown.
maxilla black. tip of mandible slightly brown.
rest dull yellowish white. tarsus brown. Length $4\frac{7}{8}$
wing $2\frac{3}{8}$ tail $2\frac{1}{2}$ ♂ ad. stomach contents insects.

This morning Lester Disney and I went
up the river. saw several Louisiana Water-
Thrushes. They sat in the tops of the trees
singing. I think that they had just arrived.

In the Bottom Woods we heard a few
Parula Warblers singing. I knew that I had
heard the song but could not place it until
I had secured one. They were not very active,
as it was pretty hot and frequently sat quiet
on a branch singing. The newly opened
birds made finching when a hard matter
when they were not on the move. Once one
flew across the Elk River and lit in a dead
tree and called a chip sharply. They
kept following along the trees that were
found on the banks of the river.

Carolina Wren

American Goldfinch

Purple Finch

Turkey Vulture

Black and White Warbler

Sandhill Crane

I think that a few Carolina Wrens are coming north. I saw and heard one sing here where I have never seen them before. While singing it sat on an open branch but afterwards flew across the river into a bushpile. Another one also flew onto the eave of a house and began to creep around the cornice presumably after spiders.

In the bottoms were a great number of American Goldfinches. They were in flocks as they are at home in May. Instead of flying they kind of slide along the banks. I also saw a couple of Purple Finches.

Two Turkey Vultures came sailing up over the top of the hill and began to soar around. Their flight is strong, graceful and well-sustained and is more than equal to that of the Red-tailed Hawk. I exclaimed "Hawk" involuntarily when I first saw them. One seemed curious and kept coming lower and closer until finally I shot it. It dropped beyond a hill and could not be found.

I saw one more Black and White Warbler. It was feeding along a high ledge of rock. It would fly along ahead of me clinging to the tree-trunks but it was some time before I got a shot at it. At times it sang. Its stomach was crammed with green insects eggs.

While sitting on a bank I heard a loud clear call and saw about thirty Sandhill Cranes. The call was bulled like a bugle at first

Sandhill Crane

Blue gray Gnatcatcher.

959. *Dendroica coronata*

960. *Parus atricapillus*

961. *Melospiza cinerea melodia*

962. *Regulus calendula*

963. *Minutella varia*

and ended in a sonorous hawk. They also gave a rather whistled note at times. They circled around and around above us for ten minutes and then flew away to the north. They looked immense though at a great height. Later about twenty ~~birds~~ performed the same evolutions farther over. They flew on a long wavy line or in a V.

Blue gray Gnatcatchers were common. They are beginning to sing a little bit. On a hot hillside I found one hunting along in the bushes about six inches or so above the ground.

April 10, Monday.

959. *Dendroica coronata*. A. Wetmore. Bottom Woods, Independence, Kansas, iris brown. bill black. Tarsus brownish black. Length $5\frac{3}{4}$ wing $2\frac{3}{4}$ tail $2\frac{1}{4}$ ♀ ad. Stomach contents insects

960. *Parus atricapillus*. A. Wetmore. Oak Woods, Independence, Kansas, iris brown. bill black. Tarsus dark slate. Length $5\frac{1}{4}$ wing $2\frac{3}{4}$ tail $2\frac{1}{2}$ ♂ ad stomach contents insects

961. *Melospiza cinerea melodia*. A. Wetmore. Bottom Woods, Independence, Kansas, iris brown. maxilla dusky. base of mandible dull buff. maxilla + rest of mandible dull greenish slate. Tarsus pale brown. Length $6\frac{1}{8}$ wing $2\frac{1}{4}$ tail $2\frac{1}{4}$ ♀ ad stomach contents insects

962. *Regulus calendula*. A. Wetmore. Bottom Woods, Independence, Kansas, iris brown. bill dark brown. Tarsus same. Length 4 wing $2\frac{1}{4}$ tail $1\frac{5}{8}$ ♀ ad stomach contents insects

963. *Minutella varia*. A. Wetmore. Bottom Woods, Independence, Kansas, iris brown. bill dull black.

963. *Minotilta varia* (con.)

964. *Hylocichla guttata pallasii*

965. *Dendroica coronata*

966. *Seiurus motacilla*

general

Hermit Thrush

Ruby-crowned Kinglet

Myrtle Warbler

carsus dark brown. Length $4\frac{3}{4}$ wing $2\frac{3}{4}$ tail $1\frac{7}{8}$

♀ ad. stomach contents insects

964. *Hylocichla guttata pallasii*. A. Wetmore. Bottom Woods, Independence, Kansas, iris brown. maxilla + tip of mandible black. rest of mandible dull yellowish white. Length $6\frac{3}{8}$ wing $3\frac{5}{8}$ tail $2\frac{1}{2}$

♂ ad. stomach contents. insects

965. *Dendroica coronata*. A. Wetmore. Bottom Woods, Independence, Kansas, iris brown. bill black. carsus black. Length $5\frac{1}{4}$ wing 3 tail $2\frac{1}{4}$ ♂ ad. stomach contents insects

966. *Seiurus motacilla*. A. Wetmore. Bottom Woods, Independence, Kansas, iris brown. bill dusky black. base of mandible brownish than the rest. carsus clay brown. Length 6 wing $3\frac{7}{8}$ tail $2\frac{1}{8}$ ♂ ad. stomach contents insects.

Tonight I went down along the river. At first it was very warm but about 4:30 the wind changed to the north and it rapidly grew cold.

While walking along a Ravine I saw bird fly down towards me from the tops of the trees into a bushpile. There it began to hop around but always kept out of sight. It was a Hermit Thrush. At last it sat still on a weed and I got it.

Farther on were two or three Ruby-crowned Kinglets working through the brush-pile. They were very active and restless but kept well hid. One female flew up into a tree and sat there very quietly for a minute or two.

In a little open place in the Bottom Woods were half a dozen Myrtle Warblers. They all left when I came nearer and took to the tops of the trees. They kept their feathers puffed out as

Myrtle Warbler - com.
song sparrow.

General

967. *Loxostoma rufum*

968. *Zonotrichia querula*

969. *Melospiza lincolni*

970. *Zonotrichia albicollis*

971. *Melospiza lincolni*

Lincoln Sparrow

though they felt the cold. I secured two of them. A small bird flew into a brushpile and hid. After a while I saw it and got it and it proved to be a song sparrow. They are getting very rare now and I doubt if they nest here.

All kinds of birds were very scarce tonight and what that were remained very quiet in the warmer, sheltered places near the ground where the wind did not reach.

April 11, Sunday.

967. *Loxostoma rufum*. A. Wetmore. Old Field, Independence, Kansas, iris orange yellow. maxilla + tip of mandible dusky. Rest dull horn. tarsus clay brown. Length $10\frac{3}{4}$ wing $4\frac{1}{4}$ tail $4\frac{3}{4}$ ♂ ad. stomach contents insects.

968. *Zonotrichia querula*. A. Wetmore. Old Field, Independence, Kansas, iris brown. tip of bill dusky, bill pale dull cinnamon. tarsus same. Length $7\frac{1}{4}$ wing $3\frac{1}{4}$ tail $3\frac{1}{8}$ ♂ im. stomach contents insects.

969. *Melospiza lincolni*. A. Wetmore. Old Field, Independence, Kansas, iris brown. maxilla dusky base of mandible dull buff, rest dull slate. Tarsus brown. Length $5\frac{1}{4}$ wing $2\frac{1}{2}$ tail $2\frac{1}{8}$ ♂ ad. stomach contents insects.

970. *Zonotrichia albicollis*. A. Wetmore. Old Field, Independence, Kansas, iris brown. maxilla dusky. base of mandible dull buff. rest dull greenish slate. Length $6\frac{1}{2}$ wing $2\frac{1}{8}$ tail $2\frac{3}{4}$ ♂ ad. stomach contents insects.

971. *Melospiza lincolni*. A. Wetmore. Old Field, Independence, Kansas, iris brown. maxilla dusky. base of mandible dull buff. rest dull slate. Length $5\frac{5}{8}$ wing $2\frac{1}{8}$ tail $2\frac{1}{4}$ ♂ ad. stomach contents insects.

Tonight I went down in the Old Field. It was rather chilly with a west wind. In a sheltered place in some bushes I encountered

Lincoln Sparrow (con.)

Long Sparrow
Lincoln Sparrow

White-throated Sparrow
Z. querula et leucophrys.

White-throated Sparrow.

Carolina Wren

Red tailed Hawk

Prairie Horned Lark

three Lincoln Sparrows. They flew up from the grass into the hedge and one sat quietly in full view while the other two skulked along the ground. Later I drove three more along the brushpile and got one of them. The flight was exactly like a Long Sparrow. After I shot they all disappeared then ran rapidly thirty or forty feet across the open to a ditch but I could not find it afterwards. Both of those secured were in very fine plumage.

White-throated Sparrows were to be found commonly in the warmer sheltered places. They differ from *Z. querula* and *Z. leucophrys* in that they are found in brushpiles in the woods while the other two prefer the more open places. When these White-throats came out of the brush they sometimes lit in the trees among the leaves and remained there motionless.

Saw a Carolina Wren in town searching the eaves of a house for spiders. It clung to the cornice and crept all around like a Nuthatch.

A large Red-tailed Hawk sailed over and a flock of tame doves followed it. They would rise in the air above the Hawk and then swoop down past and then circle around to get above him again. He did not even dodge when they came at but kept right on soaring.

The Prairie Horned Larks are very retiring in their habits now. I hear their notes or see them as I cross the Prairie but they are rather quiet.

972. *Toxostoma rufum*

973. *Melospiza cinerea melodia*

974. *Melospiza lincolni*

975. *Melospiza lincolni*

976. *Spizella quiscula aeneus*
 April 10 1897
 3 miles east of Independence, Kansas

977. *Passerculus sandwichensis*
 Savanna

978. *Sturnella magna*

April 12, Wednesday.

972. *Toxostoma rufum*. A. Wetmore. Old field, Independence, Kansas, iris yellow. Maxilla and tip mandible black. rest dull white. Tarsus brown. Length $11\frac{1}{2}$ wing $4\frac{3}{4}$ tail $5\frac{3}{8}$ ♂ ad stomach contents. insects

973. *Melospiza cinerea melodia*. A. Wetmore, Independence, Kansas, iris brown. Maxilla dusky brown. base of mandible dull buff. rest dull slate. Tarsus pale brown. Length 6 wing $2\frac{5}{8}$ tail $2\frac{1}{2}$ ♀ ad stomach contents seeds.

974. *Melospiza lincolni*. A. Wetmore, Independence, Kansas, iris brown. Maxilla dusky brown. base of gonys dull buff. rest of bill dull greenish slate. Tarsus light brown. Length $5\frac{5}{8}$ wing $2\frac{5}{8}$ tail $2\frac{3}{4}$ ♂ ad stomach contents insects

975. *Melospiza lincolni*. A. Wetmore, Independence, Kansas, iris brown. Maxilla dusky. base of mandible dull yellow. rest of bill greenish drab. Tarsus brown. Length $5\frac{1}{2}$ wing $2\frac{3}{4}$ tail $2\frac{1}{4}$ ♂ ad stomach contents. insects and seeds.

976. *Spizella quiscula aeneus*. A. Wetmore, ^{3 m. E.} Independence, Kansas, iris pale yellowish white. bill black. Tarsus black. Length $11\frac{5}{8}$ wing $3\frac{3}{8}$ tail $5\frac{1}{4}$ ♂ ad stomach contents. insects and seeds.

977. *Passerculus sandwichensis* Savanna. A. Wetmore. 3 miles east of Independence, Kansas, iris brown. Maxilla dusky brown. rest of bill pale brown. Tarsus pale brown. Length $5\frac{3}{8}$ wing $2\frac{7}{8}$ tail 2 ♂ ad stomach contents. seeds.

978. *Sturnella magna*. A. Wetmore Prairie 3 miles east of Independence, Kansas, iris brown. Maxilla & tip of mandible dusky. base of mandible pale slate. Tarsus pale dull brown. Length $9\frac{1}{2}$ wing 5 tail $2\frac{1}{4}$ ♂ ad stomach contents. seeds.

979. *Chondestes grammacus*

Lark Sparrow.

Red-winged ~~Sparrow~~ Blackbird.
Bronzed Grackle

Meadowlark

Crow

Mockingbird

979. *Chondestes grammacus*, A. Wetmore. Old Field, Independence, Kansas, iris brown. bill dull brown. base of mandible dull buff. rest pale slate. tarsus light brown. Length $6\frac{5}{8}$ wing $3\frac{5}{8}$ tail $2\frac{1}{4}$. Bad stomach contents seeds.

Tonight I went east along the Santa Fe railway. In the old field I saw a single Lark Sparrow. It was in a brush pile with some others and flew ahead of me showing much white in its tail. When winged it ran swiftly but did not hide in a brush pile but instead went through it. It was a very handsome bird.

About three miles east about thirty Bronzed Grackles and one or two or more Red-wings were feeding in a slightly damp place along the road. They all flew up into a cottonwood or into the hedge and as I came nearer flew over and lit in a tall cottonwood near a house and proceeded to give a concert. One came back however and I secured it.

Meadowlarks are beginning to nest. They don't seem so very common for some reason. One male that I shot was in fine plumage.

There are only a few crows left here now and they are more secretive in their habits than they were during the winter. I find them along the river and the creek. They are also nesting now.

Heard a Mockingbird sing tonight for the first time. The bird sat on a hedge near a house and was not frightened at all when people passed under it. It imitated nearly everything around. The song and call notes of the Robin were given perfectly and were used frequently. Others

Mockingbird

Lincoln Sparrow

Purple Finch

Chicadee

983. *Fulica americana*

984. *Zonotrichia leucophrys*

985. *Chondestes grammacus*

plentiful - saw a Mockingbird in an open place. It sang exactly like a Maryland Yellowthroat several times in succession and I looked all over for the other bird. Occasionally it would hop into the air after a passing insect, but always came back to the same perch. It was tame and allowed me to approach closely but always kept in the open. While perched in the thorn bushes it was very difficult to detect.

Saw six or eight more Lincoln Sparrows but only got one. They can hide the best of any bird that I know of. They kept flying along ahead until I shot and then vanished.

Heard a Purple Finch in the Bottom Woods and secured it. All those secured have been immature birds. No adults have been seen.

Heard a Chicadee give a note like tit. It sounded so strange that I thought it was a warbler and shot it.

April 15, Saturday.

983. *Fulica americana*. A. Wetmore. Verdigris River, Independence, Kansas, iris red. bill white. base of frontal plate and ring on tip of bill dull reddish brown. front of tarsus + crus greenish rest of foot + leg dark drab slate. Length $14\frac{3}{8}$ wing $7\frac{3}{4}$ tail $1\frac{1}{16}$ ♀ ad. Stomach contents seeds + sand.

984. *Zonotrichia leucophrys*. A. Wetmore, Wild Field, Independence, Kansas, iris brown. bill of bill + nostrils dusky. rest pale dull cinnamon. tarsus same. Length $16\frac{3}{8}$ wing $3\frac{1}{4}$ tail $2\frac{1}{16}$ ♂ im 2 stomach contents. seeds

985. *Chondestes grammacus*. A. Wetmore. High Prairie, Independence, Kansas, iris brown. maxilla dusky clay brown, base of mandible dull buffy rest of mandible slate. Tarsus light brown

985 *Chondestes grammacus* (com.)

986. *Melospiza lincolni*

987. *Melospiza lincolni*

988. *Polioptila caerulea*

989. *Zonotrichia querula*

990 *Zonotrichia querula*

991 *Zonotrichia querula*

992. *Spatula clypeata*

993 *Spatula clypeata*

Length $6\frac{5}{8}$ wing $3\frac{1}{4}$ tail $2\frac{1}{3}$ ♂ ad. stomach contents seeds.

986. *Melospiza lincolni*. A. Wetmore, Old Field, Independence, Kansas, iris brown. maxilla dusky. base of mandible dull buff. rest of mandible dull slate. tarsus brown. Length $5\frac{7}{8}$ wing $2\frac{1}{2}$ tail $2\frac{1}{8}$ ♂ ad. stomach contents. seeds.

987. *Melospiza lincolni*. A. Wetmore. Old Field, Independence, Kansas, iris brown. maxilla dusky, base of mandible pale buff, rest of mandible dull slate. tarsus brown. Length $5\frac{1}{2}$ tail $2\frac{9}{16}$ tail $2\frac{3}{16}$ ♂ ad. stomach contents seeds.

988. *Polioptila caerulea*. A. Wetmore. Oak Woods, Independence, Kansas, iris brown. base of mandible drab. rest of bill black. tarsus dark slate. Length $4\frac{3}{4}$ wing $2\frac{1}{8}$ tail 2 ♂ ad. stomach contents insects.

989. *Zonotrichia querula*. A. Wetmore. Old Field, Independence, Kansas, iris brown. bill pale cinnamon. tarsus same. Length $6\frac{7}{8}$ wing $3\frac{3}{8}$ tail $3\frac{1}{16}$ ♀ im. stomach contents seeds.

990. *Zonotrichia querula*. A. Wetmore. Old Field. Independence, Kansas, iris brown. bill pale cinnamon. tarsus same. Length $7\frac{1}{4}$ wing $3\frac{1}{16}$ tail $3\frac{1}{16}$ ♂ im. stomach contents seeds.

991. *Zonotrichia querula*. A. Wetmore. Old Field Independence, Kansas, iris brown. maxilla pale cinnamon. mandible dull buff. tarsus light brown. Length 7 wing $3\frac{5}{16}$ tail $3\frac{1}{16}$ ♀ im. stomach contents seeds.

992. *Spatula clypeata*. A. Wetmore. Pond on Prairie north of Independence, Kansas, iris yellowish brown. bill black. tarsus buffy pink. Length $19\frac{1}{16}$ wing $9\frac{1}{2}$ tail $3\frac{1}{16}$ ♂ ad. stomach contents seeds.

993. *Spatula clypeata*. A. Wetmore. Pond on Prairie north of Independence, Kansas, iris brown. maxilla

993 *Spekulula chrysata* (con.)

Lincoln Sparrow.

Black and White Warbler
Blue-gray Gnatcatcher
Tufted Titmouse.

American Coot

Lark Sparrow

name dull clay brown. spotted slightly with dusky.
rest of mandible dull orange. tarsus dull orange.
Length $187\frac{1}{16}$ wing $8\frac{3}{8}$ tail $3\frac{5}{16}$ Fed. Stomach contents
seeds.

This morning it was 34° with a north
wind and no sun. Went up the river. In
the old field I got two more Lincoln Sparrows.
I could chase them in brushpiles but it was
hard work to drive them out. Chased one up out
of the grass in the open but the rest kept along
the hedges and in the brushpile. Those that I
got had caten seeds but those taken in warmer
weather had caten insects.

In spite of the cold I heard a Black and
White Warbler singing in the oak woods. I also got
a Blue-gray Gnatcatcher with it. Tufted Titmouse
were very common and noisy.

Along the river an American Coot flew up
and dived it. At the same time two
more went up the river. The one I shot swam
towards the other bank and in a minute
more another came swimming down towards
it. They swam with the tail held up and
with a nodding motion of the head. I
followed the second one up the river and
shot it. I swam in and got this one but
it was so cold that I let the other one go.
The wings showed a white patch in flight
and they went fairly fast. When starting they
ran along the surface of the water making
quite a noise.

In the high fields were several Lark Sparrows.
They were singing from a telegraph wire or a
perch on a bare limb of tree. The song
reminded me of *Poocetes gramineus* and

Lark Sparrow (wn.)

Shoveler

Solitary Sandpiper.

994. *Melospiza lincolni*

995 *Passerculus sandwichensis*
Savanna

996 *Zonotrichia albicollis*

had a queer burring note introduced at intervals. The rest of the song was composed of short sweet trilling notes. The effect was very pleasing and had an element of strangeness in it.

In the afternoon Disney and I went up to a pond where he had seen some Ducks in the forenoon. I crept up on top of a little knoll overlooking a pond and saw two shovels. They paid no attention to me although I was in plain sight as many cattle were around. They were a fine pair and were swimming together in the center of the pool and paddling in the water with their bills. I got them both. The female was only winged and dove from one place to another until I shot her again. They were in extra fine plumage.

A single solitary sandpiper circled past and then went on clodging through the air.

April 17, Monday.

994. *Melospiza lincolni*. A. Watson, Old Field, Independence, Kansas, iris brown. Maxilla dusky. base of mandible buff. rest dull slate. Tarsus brown. Length $5\frac{5}{8}$ wing $2\frac{1}{2}$ tail $2\frac{1}{4}$ ♀ ad. Stomach contents: insects

995. *Passerculus sandwichensis* savanna, A. Watson, High Prairie, Independence, Kansas, iris brown. Maxilla & tip of mandible dusky. rest dull buff. Tarsus pale buff brown. Length $5\frac{1}{4}$ wing $2\frac{3}{4}$ tail $1\frac{7}{8}$ ♀ ad. Stomach contents: seeds

996. *Zonotrichia albicollis*. A. Watson, Old Field, Independence, Kansas, iris brown. Maxilla dull brown. base of gonys dull buff. rest dull slate.

996 *Zonotrichia albicollis* (con.)

70 *Corvus americanus*

Crow

Savanna Sparrow

Harris Sparrow
White-crowned Sparrow

Cardinal

Lincoln Sparrow.

997. *Sayornis phoebe*

998. *Passerculus sandwichensis*
Savanna

999. *Chondestes grammacus*

Length 6 1/4 wing 3 tail 2 3/4 8 in. Stomach contents seeds.

70. *Corvus americanus* A. Wetmore, Verdigris River, drier prairie, Kansas, set in Black ash 40 feet from ground; mass of sticks and lined with roots. Eggs 2, fresh, 1 seen flying down nest.

Tonight Carl sang and I went down and got that Crow's nest. The old birds were not to be seen anywhere. The nest was not as large as some I have seen but was fairly well hidden.

Saw quite a number of Savanna Sparrows on the High Prairie. I thought they had all gone north.

Along the road were a great many Harris and White-crowned Sparrows. They came out and hopped around in the open and were not frightened at passing teams. Cardinals were also seen in the middle of the road.

I shot another Lincoln Sparrow and saw one or two others but they escaped. Chased one into a little patch of brush but could not find it anywhere.

April 21, Friday.

997. *Sayornis phoebe*. (Set no. 71) C. Long, Oak Woods, Independence, Kansas, iris brown. Bill black. Tarsus black. Length 6 1/4 wing 3 1/4 tail 2 5/8 ♀ ad. Stomach contents: insects.

998. *Passerculus sandwichensis* savanna, A. Wetmore, Old Field, Independence, Kansas, iris brown. Maxilla + tip of mandible dusky. Tarsus pale buffy brown. Length 4 7/8 wing 2 3/4 tail 1 13/16 ♀ ad. Stomach contents seeds.

999. *Chondestes grammacus*. A. Wetmore, Oak Woods

999. *Chondestes grammacus* (con.)

1000 *Chondestes grammacus*

1001 *Melospiza lincolni*

1002 *Toxostoma rufum*

71. *Sayornis phoebe*

Lincoln Sparrow

Brown Thrasher

Independence, Kansas, iris brown. maxilla dull brown. base of mandible dull buff. rest dull greenish slate. Tarsus dull brown. Length $6\frac{1}{4}$ wing $3\frac{9}{16}$ tail $2\frac{3}{4}$ Bad stomach contents. seeds.

1000. *Chondestes grammacus*. C. Long, Oak Woods, Independence, Kansas, iris brown. maxilla dull brown. base of mandible buff. rest greenish slate Length $6\frac{3}{8}$ wing $3\frac{5}{8}$ tail $2\frac{3}{4}$ Bad stomach contents. seeds.

1001. *Melospiza lincolni*. A. Wetmore. Wet Field, Independence, Kansas, iris brown. maxilla dusky brown. base of mandible buff rest dull greenish slate. Tarsus pale brown. Length $5\frac{3}{4}$ tail $2\frac{1}{16}$ tail $2\frac{5}{16}$ Bad stomach contents. insects

1002. *Toxostoma rufum*. A. Wetmore. Wet Field, Independence, Kansas, iris pale orange yellow. maxilla & tip of mandible dusky. rest of bill pale dull white. Tarsus brown. Length $1\frac{13}{16}$ wing $4\frac{1}{4}$ tail 5 Bad stomach contents insects.

71. *Sayornis phoebe*. A. Wetmore. Oak Woods, Independence, Kansas, nest under ledge of rock in prospect hole on side hill, foundation of mud outside of moss and fine grass. Top composed of cottony shreds from weeds, lined with horse hair and fine grass. Eggs 5, fresh. ♀ taken. (No. 997)

Tonight Carl Long and I went down along the river. It was warm but for the last few days has been cold and very windy.

Saw several Lincoln Sparrow but only got one. Heard one give a note like *teet*. Found one along the river in some thick brush. It ran from one cover to another with great swiftness.

Brown Thrashers were common and tame. Heard one running in the buck brush on a hill and it made a great deal of racket.

Brown Thrasher (con.)

Lark Sparrow

Shoveller

Phoebe

Savanna Sparrow

Passerculus sandwichensis alaudinus

1003. *Mimus polyglottos*

1004 *Geothlypis trichas brachydactyla*

1005 *Hylonichla mustelina*

found two in a draw along the river. They kept hopping around in the brush just a few feet away. The one I shot had a very grey head.

In the Buck brush we scared up little parties of Lark Sparrows. They came up close to us showing a circle of white clear around the tail. Then lit in the trees and sat there quietly. I heard them sing a number of times. It seemed like an endless song but its combination of trills was very pleasing. The two I got were males and were fat but the skin was tender.

Met a fellow that had a shoveller which he had shot up on the Elk River.

Found a Phoebe's nest in a prospect-hole for coal in the side of a hill. The female flew out as we walked above here. The nest was placed on a stick which had caught in a little hollow.

The savanna sparrow that I got was very dark and perhaps most of my other ones are *P. s. alaudinus*.

April 25, Tuesday.

1003. *Mimus polyglottos*. A. Wetmore, Hedge on High Prairie, Independence, Kansas, iris yellowish brown. bill black. base of mandible paler. Tarsus black. Length $9\frac{3}{4}$ wing $4\frac{3}{4}$ tail $4\frac{1}{2}$. Dad. Stomach contents. insects.

1004. *Geothlypis trichas brachydactyla*. A. Wetmore, thicket in old field, Independence, Kansas, iris brown. bill dusky brown. base of gonys paler. Tarsus light brown. Length $4\frac{3}{4}$ wing $2\frac{1}{8}$ tail $1\frac{7}{8}$. Dad. Stomach contents insects.

1005. *Hylonichla mustelina*. A. Wetmore, Bottom Woods, Independence, Kansas, iris brown. maxilla dusky. tip of mandible dull brown.

1005 *Hylocichla mustelina*

1006 *Stelgidopteryx serripennis*

1007 *Dendroica coronata*

1008 *Lanius ludovicianus*
excubitorides

1009 *Zonotrichia querula*

1010 *Zonotrichia querula*

72 *Lanius ludovicianus*
excubitorides

Dendroica coronata

base dull white. gape orange. tarsus light brown. length $7\frac{3}{8}$ wing $4\frac{5}{8}$ tail $2\frac{1}{8}$ ♂. a. stomach contents

1006. *Stelgidopteryx serripennis*. A. Wetmore, Verdigris River, Independence, Kansas, iris brown. bill black. tarsus dusky. length $5\frac{1}{8}$ wing $4\frac{3}{8}$ tail 2 ♀. a. stomach contents insects

1007. *Dendroica coronata*. A. Wetmore, Bottom Woods, Independence, Kansas, iris brown, bill black. tarsus black. length $5\frac{1}{4}$ wing $2\frac{7}{8}$ tail 2 ♂. a. stomach contents insects.

#1008# *Lanius ludovicianus excubitorides*, A. Wetmore, High Prairie, Independence, Kansas, iris reddish brown. bill black. tarsus black. length $8\frac{1}{2}$ wing $3\frac{7}{8}$ tail $3\frac{1}{8}$. ♀. a. stomach contents insects

#(set no. 72.)

1009. *Zonotrichia querula*. A. Wetmore, Old Field, Independence, Kansas, iris brown. bill pale dull cinnamon tarsus same, length 7 wing $3\frac{1}{2}$ tail $3\frac{1}{4}$ ♂. a. stomach contents insects seeds.

1010. *Zonotrichia querula*. A. Wetmore, Old Field, Independence, Kansas, iris brown. bill pale dull cinnamon. tarsus same. length $6\frac{7}{8}$ wing $3\frac{5}{8}$ tail $3\frac{1}{8}$ ♀. a. stomach contents seeds.

72. *Lanius ludovicianus excubitorides*. A. Wetmore, High Prairie. nest in hedge orange hedge, foundation of grass and weeds, lined with many chicken feathers. nest quite deep. $2\frac{1}{2}$ feet from the ground. Eggs 6 fresh. ♀ taken: (no. 1008)

Sought after school I went down along the river. Yesterday it rained and today the woods were full of birds. Great number of *Dendroica coronata* were present. They kept passing quickly through the trees in small flocks. In the morning they were

Dendroica coronata (con.)

Harris Sparrow.

Wood Thrush

Northern Yellowthroat

Chimney Swift
Barn Swallow
Rough winged Swallow.

Chimney Swift

heard singing in great numbers. Their feeble inconsequential trill could be heard every where. I shot one tonight in fine plumage.

Harris Sparrows were present in good numbers. They are common for a day or two and then almost vanish. Two that I got were immature birds that had almost finished the molt. When first seen a large flock was feeding on the ground around a brush pile.

In the woods I saw several Wood Thrushes. They were hard to get as they kept in the thickest growth and ran rather than flew. I shot one in fine plumage. When on a perch they generally sat perfectly quiet. April 26 in the morning I heard one singing.

In a thicket of small elms about two feet high were a number of Northern Yellowthroats. Occasionally they sang and there was no difference in it from those I hear at home. They were very shy and secretive but I managed to secure one. The other could not be seen when I got too near they scolded at me but did not show themselves.

In one place along the river were about fifteen Rough winged Swallows & Barn Swallow, and 4 Chimney Swifts circling over the river water. The Rough wings occasionally gave a harsh alarm note but the others were silent. As one Roughwing flew over the land I dropped him. They kept circling around and around that same place. The Chimney Swifts kept higher up than the others.

4 Mockingbird

White-rumped Shrike
Mockingbird.

Lark Sparrow.

1011 *Tyrannus tyrannus*

1012 *Poliophtila caerulea*

1013 *Dendroica rara*

1014 *Parus*

Up on the prairie I found a pair of Mockingbirds along a Hedge. They flew for short distances ahead of me. The male mocked a Shrike exactly and lit right beside it without fear. Sometimes he flew up into the air after insects. The flight was rather weak and slightly undulating. A great deal of white showed in the wing. I shot both but only found one.

Saw a Lark Sparrow spring up into the air to a distance of a hundred feet and give its song on extended wings. Others were singing from the bushes and trees around. The flight song was very fine.

April 26, Wednesday.

1011. *Tyrannus tyrannus*. A. Wetmore. High Prairie Independence, Kansas, iris brown. bill black. tarsus black. Length $7\frac{7}{8}$ wing $4\frac{1}{2}$ tail 3 ♂ ad. stomach contents insects

1012. *Poliophtila caerulea*. A. Wetmore. Oak Woods, Independence, Kansas, iris brown. bill black. tarsus black. Length $4\frac{1}{2}$ wing $2\frac{1}{4}$ tail 2 ♂ ad. stomach contents insects

1013. *Dendroica rara*. A. Wetmore. Bottom Woods, Independence, Kansas, iris brown. maxillary. tongue and mandible bluish slate. rest of maxilla black. dull brown. Length $4\frac{3}{4}$ wing $2\frac{1}{2}$ tail $1\frac{3}{4}$ ♂ ad. stomach contents insects

1014. *Parus atricapillus*. A. Wetmore. Bottom Woods, Independence, Kansas, iris brown. bill black. tarsus dark slate. Length $4\frac{7}{8}$ wing $2\frac{1}{4}$ tail $2\frac{5}{8}$ stomach contents.

1015. *Parus atricapillus bicolor*. A. Wetmore. Bottom Woods, Independence, Kansas, iris brown. bill

1014 *Parus bicolor* (cont.)

1015 *Melospiza lincolni*

Lincoln Sparrow.

Cooper Hawk

Cerulean Warbler.

Pied-billed Grebe

black. tarsus dull slate. length $6\frac{1}{2}$ wing $3\frac{3}{8}$ tail 3

Bad stomach contents insects

1015. *Melospiza lincolni*. A. W. Thorne, Bottom Woods, Independence, Kansas, iris brown. maxilla dusky. base of mandible dull buff. rest + commissure dull slate. tarsus brown. length $5\frac{5}{8}$ wing $2\frac{5}{8}$ tail $2\frac{1}{4}$

Bad stomach contents. insects

Tonight I went up the river. saw two or three Lincoln Sparrows. One ran ahead of me in the open woods but was well-concealed by the bushes. Another was under some black-bush and I could not drive it out to shoot it.

Saw three Cooper Hawks but did not get any of them. One kept flying along the ledge for short distances ahead of me and I could not get a shot. Another called kek kek kek from the bottoms. I answered and it came up to about fifteen rods and then it must have seen me for it suddenly flew away. Another flew over my head high up while I was in the open. I shot it but lost it as it went into the oak brush.

On the Bottoms were a number of Cerulean Warblers. They sang a great deal but it was impossible to find them because of the leaves.

At last I found two that were scolding teet sharply and got one of them. The song was exactly like it is at home. The others kept changing their positions but I could not find them.

Saw a Pied-billed Grebe on the river. I shot once at long range but did not get it. It kept diving along ahead of me but finally went back.

Secont Sparrow.

1016. *Troglodytes aedon aztecus*1017 *Geothlypis trichas brachydactyla*1018 *Vireo olivaceus*1019 *Melospiza lincolni*1020. *Vireo olivaceus*1021 *Melospiza lincolni*1022 *Parus atricapillus*

Saw a Secont Sparrow skulking along a hedge and shot it but could not find it. This is the first one I have seen for a long time.

April 27, Thursday.

1016. *Troglodytes aedon aztecus*. C. Long. Old Field, Independence, Kansas, iris brown. Maxilla + tip of mandible dusky brown. base of mandible dull buffy white. Tarsus brown. Length $4\frac{5}{8}$ wing 2 tail $1\frac{1}{2}$ Stomach contents insects

1017. *Geothlypis trichas brachydactyla*. A. Wetmore. Old Field, Independence, Kansas, iris brown. basal half of gonys brown. rest of bill brownish black. Tarsus pale brown. Length $4\frac{5}{8}$ wing $2\frac{1}{8}$ tail $1\frac{3}{4}$ Stomach contents insects

1018. *Vireo olivaceus*. A. Wetmore. Bottom Woods, Independence, Kansas, iris reddish. Maxilla dusky. base of mandible dull white. rest slate. Tarsus bluish slate. Length $6\frac{1}{4}$ wing $3\frac{3}{8}$ tail $2\frac{1}{4}$ Stomach contents insects

1019. *Melospiza lincolni*. C. Long. Old Field, Independence, Kansas, iris brown. Maxilla dusky. base of mandible buff. rest slate. Length $5\frac{5}{8}$ wing $2\frac{1}{2}$ Tail $2\frac{1}{8}$ Stomach contents insects

1020. *Vireo olivaceus*. A. Wetmore. Bottom Woods, Independence, Kansas, iris reddish brown. Maxilla dusky. base of mandible dull white. rest dull slate. Tarsus dark slate. Length $6\frac{1}{8}$ wing $3\frac{5}{8}$ tail $2\frac{5}{8}$ Stomach contents insects

1021. *Melospiza lincolni*. A. Wetmore. Old Field, Independence, Kansas, iris brown. Maxilla dusky. base of mandible buff. rest dull slate. Tarsus brown. Length $5\frac{7}{8}$ wing $2\frac{1}{6}$ tail $2\frac{1}{8}$ Stomach contents insects

1022. *Parus atricapillus*. A. Wetmore. C. Long. Old Field, Independence, Kansas, iris brown. bill black

1022 *Parus atricapillus* (con.)

Western House Wren

Lincoln Sparrow

Northern Yellowthroat

Chicadee

Hairy Woodpecker

Green Heron

tarsus dull bluish slate. Length $4\frac{9}{16}$ wing $2\frac{3}{16}$ tail $2\frac{1}{16}$
 Gut stomach contents. insects

Tonight Carl Long and I went up the river. Shot a specimen of the Western House Wren and saw others. The song sounds the same as it does at home. The one we saw was feeding near the edge of some bushes. When we came along it disappeared but finally came up into a tree and sat there quivering its tail and jerking up and down. It took a minute or two before we got in a shot ~~but~~ it kept behind the limbs.

We got two Lincoln sparrows. They were sneaking about in the bush pike. They were both in perfect plumage. They are always silent.

A Maryland (or Northern) Yellowthroat flew up along the hedge and I got it. They are common now and I hear them singing frequently. They scold chimp a great deal.

Climbed up to a Chicadee's nest found young in it nearly a week old. I have been pounding this shut every time I passed for a month but only during the last few days has the old one flew off.

also found a Hairy Woodpecker's nest with young in it. I have been watching this for some time also but now there are young in it old enough to call so that I could hear them on the ground about 15 feet away.

Scared a Green Heron up along the river. It lit in a tree and kept sidling along the limb and craning its neck to peer at us.

1023 *Querquedula discors*

1024 *Actitis spuria*

1025 *Actitis spuria*

1026 *Actitis spuria*

1027 *Actitis galbula*

1028 *Lanius ludovicianus excubitorides*

Orchard Oriole

Rose-breasted Grosbeak

April 28, Friday.

1023. *Querquedula discors*. A. Wetmore, Pond on High Prairie, Independence, Kansas, iris brown. bill black. tarsus buffy orange. Length $15\frac{1}{16}$ wing $7\frac{9}{16}$ tail $2\frac{3}{8}$ Bad. stomach contents seeds.

1024. *Actitis spuria*. A. Wetmore. Verdigris River. Independence, Kansas, iris brown. mandibular ramus slate. rest of bill dull brown. tarsus brownish slate. Length $6\frac{5}{8}$ wing $3\frac{1}{8}$ tail $2\frac{1}{16}$ Bad. stomach contents insects.

1025. *Actitis spuria*. A. Wetmore, Verdigris River. Independence, Kansas, iris brown. mandibular ramus to center of bill slate. rest brownish black. tarsus very dull slate. Length $6\frac{5}{8}$ wing $3\frac{1}{4}$ tail $2\frac{3}{4}$ Bad. stomach contents insects.

1026. *Actitis spuria*. A. Wetmore. Verdigris River. Independence, Kansas, iris brown. mandibular ramus to center of bill slate. rest of bill brownish black. tarsus dull slate. Length $6\frac{1}{2}$ wing $3\frac{1}{8}$ tail $2\frac{1}{16}$ Bad. stomach contents insects.

1027. *Actitis galbula*. A. Wetmore. Verdigris River. Independence, Kansas, iris brown. mandible + commissure slate. rest of maxilla brownish black. tarsus dull slate. Length $7\frac{5}{8}$ wing 4 tail 3 Bad. stomach contents insects.

1028. *Lanius ludovicianus excubitorides*. A. Wetmore. High Prairie north of Independence, Kansas, iris brown. bill black. tarsus black. Length $8\frac{1}{2}$ wing $3\frac{7}{8}$ tail $3\frac{3}{4}$ Bad. stomach contents insects.

Tonight Carl Long and I went down to the river and then up over the prairie. Orchard Orioles were common on the bottom. They were quite. The song was fairly strong and very pretty. It was a mellow rounded warble something like that of a Rose-breasted Grosbeak but

Orchard Oriole (con.)
 Baltimore Oriole
 Orchard Oriole
 Blackbird
 Orchard Oriole

Baltimore Oriole

Blue-winged Teal

Pectoral Sandpiper

Mourning Dove

not so expanded. It also had certain notes that were like those of the Baltimore. They also gave a scolding note like chick chick which sounded like a scolding. They were in the hedge and in the tree-tops along. Sometimes one would sit quiet for some time singing in a tree top. One that I got was just changing to the fully adult plumage. All were extremely handsome. They skidded me vigorously and did not seem much afraid. The flight was fairly strong and well-sustained. It was somewhat undulating. They are also common around town in the shade trees and when come down in the apple and pear trees.

also got a single Baltimore Oriole. It was nesting for food in the top of a tall cottonwood.

On a pond on the High Prairie were three Blue-winged Teal, two females and a male. They were sitting on the bank. As we came over the hill and began to walk along the bank of the pond they got up and began to walk along the bank. They were walking slowly and with frequent stops. They were walking along the bank and finally they stopped. The male was in the middle. The two females were on either side of him. They were all looking at us. The male was looking at us with a very fine plumage. They were all looking at us.

Saw a lot of sandpipers coming sailing along. I did not know what they were. They were flying towards us. When they were flying towards us they looked exactly like Mourning Doves and I did not know what they were until they turned.

1029 *Ammodramus carolinensis*

1030. *Piranga rubra*

1031 *Spizella pallida*

1032 *Prothonotaria citrea*

1033 *Troglodytes aedon aztecus*

1034 *Dendroica rara*

See 1031 in C. C. Smith's
Long Angles
11/1/59

1035 *Seiurus motacilla*

1036 *Melospiza lincolni*

April 29, Saturday

1029. *Ammodramus carolinensis* A. Wetmore. Bottom Woods, Independence, Kansas, iris brown. bill brown. tip darkest. Tarsus dull reddish brown. Length $12\frac{3}{8}$ wing $8\frac{3}{4}$ tail $5\frac{3}{4}$ ♂ ad. stomach contents insects

1030. *Piranga rubra* A. Wetmore. Oak Woods, Independence, Kansas, iris brown. bill greenish olive. pale beneath. Tarsus brown. Length $6\frac{1}{8}$ wing $3\frac{3}{4}$ tail $2\frac{3}{4}$ ♂ ad. stomach contents insects

1031. *Spizella pallida* A. Wetmore. Old Field, Independence, Kansas, iris brown. maxilla + tip of mandible dusky. rest dull buff. Tarsus buffy brown. Length $5\frac{3}{8}$ wing $2\frac{5}{8}$ tail $2\frac{3}{8}$ ♂ ad. stomach contents green worms.

1032. *Prothonotaria citrea* A. Wetmore. Bottom Woods, Independence, Kansas, iris brown. bill black. Tarsus dull slate. Length $5\frac{1}{4}$ wing 3 tail $1\frac{1}{16}$. ♂ ad. stomach contents insects.

1033. *Troglodytes aedon aztecus* A. Wetmore. Bottom Woods, Independence, Kansas, iris brown. maxilla + tip of mandible dusky. rest brown. Tarsus brown. Length $4\frac{1}{16}$ wing $2\frac{1}{4}$ tail $1\frac{1}{2}$ ♂ ad. stomach contents insects

1034. *Dendroica rara* A. Wetmore. Bottom Woods, Independence, Kansas, iris brown. maxilla black. commissure + mandible bluish slate. Tarsus brownish slate. Length $4\frac{1}{2}$ wing $2\frac{5}{8}$ tail $1\frac{5}{8}$ ♂ ad. stomach contents insects

1035 *Seiurus motacilla* A. Wetmore. Bottom Woods, Independence, Kansas, iris brown. base of gonyx brown. rest of bill dusky brown. Tarsus yellowish brown. Length $3\frac{7}{8}$ wing $3\frac{1}{4}$ tail $2\frac{1}{16}$ ♂ ad. stomach contents insects

1036. *Melospiza lincolni* A. Wetmore. Old Field, Independence, Kansas, iris brown. base of mandible buff. maxillary cornua + rest of mandible

1036 *Melospiza lincolni* (con.)

1037 *Chondestes grammacus*

1038 *Chondestes grammacus*

1039 *Piranga erythromelas*

1040 *Hylocichla mustelina*

1041 *Hylocichla ustulata*
swainsonii

1042 *Pipilo maculatus*
arcticus

1043 *Geothlypis trichas*
brachydactyla

dull drab slate. rest of maxilla dusky. tarsus brown. Length $5\frac{1}{4}$ wing $2\frac{1}{2}$ tail $2\frac{1}{8}$ Tad. Stomach contents insects

1037. *Chondestes grammacus*, A. Wetmore. High Prairie, Independence, Kansas, iris brown.

maxilla clay brown. base of mandible pale buff. rest pale slate, tarsus light brown. Length $6\frac{3}{8}$ wing $3\frac{1}{2}$ tail $2\frac{1}{16}$ Tad stomach contents. insects

1038. *Chondestes grammacus*. A. Wetmore, High Prairie, Independence, Kansas, iris brown. tip of bill dusky. maxilla brownish slate. base of gonys faintly reddish. rest of mandible slate. tarsus light brown. Length $6\frac{3}{8}$ wing $3\frac{5}{8}$ tail $2\frac{3}{4}$ Tad. Stomach contents insects

1039. *Piranga erythromelas*. A. Wetmore. Bottom Woods, Independence, Kansas, iris brown. bill greenish brown. tarsus dull slate. Length 7 wing $4\frac{1}{16}$ tail $2\frac{3}{4}$ Tad. Stomach contents insects

1040. *Hylocichla mustelina*. A. Wetmore. Bottom Woods, Independence, Kansas, iris brown. maxilla + tip of mandible black. rest dull white. gape yellow. tarsus pale brown. Length $7\frac{1}{4}$ wing $4\frac{5}{16}$ tail $2\frac{3}{4}$ Tad. Stomach contents insects

1041. *Hylocichla ustulata swainsonii*, A. Wetmore, Bottom Woods, Independence, Kansas, iris brown. maxilla + tip of mandible dark brown. rest horn color. tarsus brown. Length $6\frac{7}{8}$ wing $4\frac{5}{16}$ tail $2\frac{7}{8}$ Tad. Stomach contents insects

1042 *Pipilo maculatus arcticus*. A. Wetmore. Oak Woods, Independence, Kansas, iris red. bill black. tarsus brown. Length 8 wing $3\frac{5}{8}$ tail $3\frac{3}{4}$ Tad stomach contents insects

1043. *Geothlypis trichas brachydactyla*. A. Wetmore. Old Field, Independence, Kansas, iris brown. bill black. tarsus brown

1043 *Geothlypis trichas* *brachydactyla* (con)
1044. *Spizella socialis*

1045 *Melospiza lincolni*

1046. *Vireo olivaceus*.

73. *Cardinalis cardinalis*

Clay-colored Sparrow

Lark Sparrow

Bird species?
→ (*Calamospiza melanocorys*)

Length $4\frac{5}{8}$ wing $2\frac{1}{4}$ tail $1\frac{3}{4}$ ♂ ad. stomach contents insects
1044. *Spizella socialis*. A. Wetmore. Oak Woods,
Independence, Kansas, iris brown. maxilla dusky.
mandible dull slate. tarsus brown. Length $5\frac{3}{8}$
wing $2\frac{7}{8}$ tail $2\frac{3}{8}$ ♂ ad. stomach contents insects

1045. *Melospiza lincolni*. A. Wetmore. Old Field,
Independence, Kansas, iris brown. maxilla dusky.
~~base~~ of mandible dull buff. rest slate. tarsus brown.
Length $5\frac{1}{4}$ wing $2\frac{7}{8}$ tail $2\frac{1}{8}$ ♂ ad. stomach contents insects

1046. *Vireo olivaceus*. A. Wetmore. Bottom Woods,
Independence, Kansas, iris red. maxilla clay brown.
mandibular ramus flesh color. rest pale slate.
tarsus dull slate. Length $6\frac{1}{8}$ wing $3\frac{3}{8}$ tail $2\frac{1}{8}$ ♂ ad.
stomach contents insects

73. *Cardinalis cardinalis*. A. Wetmore. Bottom Woods
Independence, Kansas, nest in roots under
high bank about six feet from ground made
of weeds and grass, lined with black
rootlets. Eggs three, incubation five days. Female
seen.

This morning after breakfast I went up
to the Elk River. It was warm and sunny.
And many birds were seen. Almost the first
song I heard was that of the Clay-colored Sparrow.
Several were seen along a hedge and also
others farther on. They sang a good deal a
harsh shrill th th th. They sat quietly in
the tops of the Osage Orange or else flew with a
titting flight ahead of me I secured one in
fine plumage.

Lark Sparrows were also found in a
little draw in the open. There was a strange
bird which I have seen once before with them
but I was unable to secure it. It flew for a
long distance with a bounding flight giving

Lark Sparrow (con.)

Summer Tanager

Scarlet Tanager

Summer Tanager

Prothonotary Warbler

Cardinal

a low note. The Lark Sparrows were quite tame and I saw them feeding on the ground. When I came near they generally hopped onto a low bush or a little hallock in order to watch me. One pair that were evidently mated sat on a fence a few feet apart.

Heard a new song and tracing it up found a Summer Tanager. The song was loud and clear and reminded somewhat of the Robins. It had only a touch once in a while of the harsh undertone in the song of *P. erythronelas*. One of the latter was in a tree nearby and I had a good chance to compare the songs. ^{Summer Tanager} The bird was sitting quietly enough in the top of a tree. Later I saw two others but I could not get within range as the woods were so noisy. They kept flying through the oaks ahead of me, lighting in the tops to sing.

In a caw I got a male Prothonotary Warbler. It was hunting through a tree. Once or twice it called *Chip* almost exactly like a water-thrush but not in so loud a tone. It also jerked its tail a little.

I found a Cardinal's nest under a high bank. It was built in among the roots of the tree and was well concealed. It contained three eggs. One was slightly different from the others and may have been a Cowbird's egg. The old one flew into a tree but did not make much fuss. Also found some young ones out of the nest. They were just barely able to fly. They parents were very anxious and fluttered about my hand calling all the while I was around.

Carolina Wren
Western House Wren

Chuck Wills' Widow

Heard a number of Western House Wrens singing and also two Carolinas. One of the former I secured. It was hopping around in a low bush where the growth was thick. The song was a bubbling trill and seemed like that of the eastern species. I also heard one give a chir-rising scold. They were very secretive and stopped singing when I approached to drop down out of sight, when they were not to be found again.

In one corner of the woods two large black looking birds flushed from the ground and commenced to zigzag through the trees. They looked like Hawks but I did not know what they were. Finally one lit at a distance and eat lengthwise of the limb. Then I thought it was a Chuck Wills-Widow and afterwards found I was right. I shot at it but missed then I chased it off through the woods. The flight was swift and very irregular but was noiseless. Occasionally it hit against limbs. It only flew a short distance at a time but always managed to keep of range. Finally it disappeared and went back after the other one. It flew out but only went a few feet when it lit on a large limb and I shot it. It was almost impossible to get a wing shot because of the thick brush. The bird looked enormous to me and seemed almost like some other animal. I have had I seen anything like. A Night Hawk is only a weak imitation. The feathers were long and lax and the gape was enormous. It could easily have enclosed the largest snout. Around the corners of the mouth were

Chuck Wills window.

Olive-backed Thrush
Wilson Thrush
Wood Thrush

Arctic Towhee

Towhee
Chipping Sparrow.

April, Birdlist, 1902

stiff bushes which could be erected at will. The wings were large and long as was the tail. The body was small for so large a looking bird.

In the afternoon I went out again. In one draw I found a number of Thrushes. I shot one Olive-backed and heard the Wilson sing. Wood Thrushes were also here. All flew up off from the ground when I came along and took perches in the trees.

In the back brush on an oak knoll I scared out two Arctic Towhees. I winged both but one got me. They would come up and flap a few feet and then immediately drop back and I could not see them sitting. The flight was like that of *P. erythrophthalma*.

Found a small flock of Chipping Sparrows in an open place on the prairie. When I came along they all flew into the tops of the trees and moved farther off by short stages. Heard one sing.

April, Birdlist

Carolina Wren
Cardinal
Bluebird
Junco
American Goldfinch
Crow
English Sparrow
Harris Sparrow
Robin
Bluejay
Downy Woodpecker
Chicadee

Least Titmouse
Red-bellied Woodpecker
White-breasted Nuthatch
Swanna Sparrow
Hairy Woodpecker
Lincoln Sparrow
Field Sparrow
Flicker
White-throated Sparrow
Bronzed Grackle
Phoebe
Cowbird

April Birds List

Great Horned Owl.
 White-backed Thrush
 Vesper Sparrow
 Yellow-bellied Woodpecker
 Purple Martin
 Bluegray Gnatcatcher
 Ruby-crowned Kinglet
 Kingfisher
 Broad-winged Hawk.
 Turkey Vulture
 Black and White Warbler
 Black-throated Green Warbler
 Louisiana Water-Thrush
 Prairie Horned Lark.
 Purple Finch
 Fox Sparrow
 White-crowned Sparrow
 White-rumped Shrike.
 Killdeer.
 Meadowlark.
 Towhee
 Red-winged Blackbird
 Swamp Sparrow.
 Mallard
 Screech Owl
 Red-tailed Hawk.
 Chipping Sparrow.
 Brown Thrasher.
 Mockingbird
 Myrtle Warbler
 Western Vesper Sparrow
 Purple Warbler
 Sandhill Crane.
 Red-headed Woodpecker.
 Hermit Thrush
 Lark Sparrow.
 Chimney Swift

Blue Grosbeak.
 Wilson Thrush
 Green-winged Teal.
 American Coot
 Shoveler
 Barn Swallow
 Solitary Sandpiper.
 Mourning Dove.
 Redstart
 Western Savanna Sparrow.
 Warbling Vireo.
 Yellow Warbler
 erulean Warbler
 Northern Yellowthroat.
 Wood Thrush
 Rough-winged Swallow
 Spotted Sandpiper.
 DeConte Sparrow.
 Cooper Hawk
 Blue-winged Teal.
 Kingbird.
 Orchard Oriole.
 Red-eyed Vireo.
 Pied-billed Grebe
 Green Heron
 Catbird
 Scarlet Tanager
 Baltimore Oriole.
 Western House Wren.
 Pectoral Sandpiper
 Crested Flycatcher
 Summer Tanager
 Clay-colored Sparrow
 Chuk. Will's-Widow.
 Indigo Bunting
 Lesser Yellowlegs
 98 Arctic Towhee

1047. *Cyanospiza iris*

1048 *Cyanospiza cyanea*

1049. *Coccyzus americanus*

1050 *Hylocichla mustelina*

1051 *Hylocichla mustelina*

Indigo Bunting

Blue Grosbeak

May 1, Monday

1047. *Cyanospiza iris*. A. Wetmore. Old Field, Independence, Kansas, iris brown. maxilla dull black. base of gonys horn. rest pale slate. tarsus slate brown. Length $5\frac{3}{8}$ wing $2\frac{7}{8}$ tail $2\frac{3}{4}$ ♂ ad. stomach contents insects

1048. *Cyanospiza cyanea*. A. Wetmore. Old Field, Independence, Kansas, iris brown. maxilla and gonys black. rest dull slate. tarsus dusky brown. Length 5 wing $2\frac{3}{4}$ tail 2 ♂ ad. stomach contents insects

1049. *Coccyzus americanus*. A. Wetmore. Old Field, Independence, Kansas, iris brown. maxilla & tip of mandible blackish brown. maxillar tomia & rest of mandible yellow. tarsus bluish slate. Length $11\frac{3}{8}$ wing $5\frac{3}{4}$ tail $5\frac{3}{4}$ ♂ ad. stomach contents insects

1050. *Hylocichla mustelina*. A. Wetmore. Old Field, Independence, Kansas, iris brown. maxilla and tip of mandible dull brown. rest rosy white. gape yellow. tarsus flesh color. Length $7\frac{1}{2}$ wing $4\frac{1}{4}$ tail $2\frac{1}{4}$ ♂ ad. stomach contents insects

1051. *Hylocichla mustelina*. A. Wetmore. Bottom Woods, Independence, Kansas, iris brown. maxilla & tip of mandible dull brown. rest flesh color. gape yellow. tarsus pale brown. Length $7\frac{1}{3}$ wing $4\frac{5}{8}$ tail $2\frac{3}{4}$ ♂ ad. stomach contents insects

Sought Carl Long and I went down along the river. Saw a male Indigo Bunting along a hedge and after some trouble secured it. It kept popping nervously from one perch to another. When I finally got it I found that there were several patches of white giving a mottled appearance on the abdomen.

When I shot I heard a note like *chink*

Blue Grosbeak (con.)

Painted Bunting

Yellow-billed Cuckoo

Mockingbird

and hunting it out found a Blue Grosbeak. I shot but missed. The bird vanished in some bushes. While sitting on a limb it jerked its tail nervously. It seemed much like a large Indigo Bunting. Yesterday I also saw two along a hedge. The flight was fairly strong and undulating.

In one place a small bird came flying down out of the oak woods into the hedge in front of me. I caught a glimpse of red and thought it was a Tanager and shot it. When I picked it up I found it to be a Painted Bunting. Truly it was a gorgeous bird. There was something tropical in the intensity of its coloring which could never be imagined from reading a description.

A yellow-billed Cuckoo flew up into the hedge and sat there quietly. I shot it and noticed for the first time that the tail turned two front and two back.

In the country were three or four Mockingbirds. All were singing from the tops of trees or bushes. One seemed to prefer the top of a pine. It would hop carefully to the top of a branch and then sail off in a long curve to a bush. While on these flights the wings were fully spread. Generally they preferred to sing in sight but remained still. They did not remain long in one place. Heard them whack the following: Robin, Short-billed Marsh Wren, Wood Pewee, Bluebird, Purple Martin, Cardinal, Carolina Wren, Crested Flycatcher, Red-headed Woodpecker, Red-eyed Vireo, Bluejay, Tufted Titmouse, King Rail, Black-billed Cuckoo, Killdeer, Catbird, Barn Swallow and Turkey.

1052 *Melospiza lincolni*

1053 *Melospiza lincolni*

1054 *Dendroica aestiva*

1055 *Thryothorus ludovicianus*

1056 *Zonotrichia albicollis*

1057 *Myiarchus crinitus*

1058 *Icteria virens*

1059 *Icteria virens*

May 2, Tuesday

1052. *Melospiza lincolni*. A. Wetmore. Old Field, Independence, Kansas, iris brown. maxilla dusky. base of mandible buff. rest slate. Length $5\frac{1}{4}$ wing $2\frac{1}{16}$ tail $2\frac{1}{16}$ Tad. stomach contents seeds.

1053. *Melospiza lincolni*. A. Wetmore. Old Field, Independence, Kansas, iris brown. maxilla dusky. base of mandible pale yellow. rest slate. Length $5\frac{1}{8}$ wing $2\frac{7}{16}$ tail $2\frac{3}{16}$ Tad. stomach contents insects.

1054. *Dendroica aestiva*. A. Wetmore. Old Field, Independence, Kansas, iris brown. maxilla dusky. mandible slate. tarsus buffy brown. Length $4\frac{3}{4}$ wing $2\frac{5}{8}$ tail $1\frac{1}{16}$ Tad. stomach contents insects.

1055. *Thryothorus ludovicianus*. A. Wetmore. Old Field, Independence, Kansas, iris brown. maxilla dusky. tip of mandible dull slate. rest pale brown. tarsus brown. Length $5\frac{7}{16}$ wing $2\frac{1}{2}$ tail $1\frac{1}{8}$ Tad. stomach contents insects.

1056. *Zonotrichia albicollis*. A. Wetmore. Old Field, Independence, Kansas, iris brown. maxilla dusky brown. base of gonys dull brown. rest greenish slate. tarsus light brown. Length 6 wing $2\frac{7}{8}$ tail $2\frac{5}{8}$ Tad. stomach contents insects.

1057. *Myiarchus crinitus*. A. Wetmore. Oak Woods, Independence, Kansas, iris brown. bill dusky. base of mandible brown. tarsus dusky. Length $8\frac{3}{8}$ wing $4\frac{1}{4}$ tail $3\frac{3}{4}$ Tad. stomach contents insects.

1058. *Icteria virens*. A. Wetmore. Old Field, Independence, Kansas, iris brown. bill black. tarsus very dark slate. Length $6\frac{3}{4}$ wing $3\frac{1}{2}$ tail $2\frac{7}{8}$ Tad. stomach contents insects.

1059. *Icteria virens*. A. Wetmore. Old Field, Independence, Kansas, iris brown. bill black. tarsus

1059. *Icteria virens* (Wm.)

Yellow-breasted Chat

Blue Grosbeak

Carolina Wren

Short-billed Marsh Wren.

Crested Flycatcher

dusky. Length $7\frac{1}{4}$ wing $3\frac{3}{4}$ Tail $3\frac{1}{4}$ Badstomach
contents insects

This morning, I went down along the river about six o'clock. The first thing I saw was a Yellow-breasted Chat. It was on a dead limb of an elm. It gave a harsh rattling note and sang imitating different birds and given any number of squeaks grunts and whistles. It was not much afraid but flew from one perch to another. Saw several others also all in the tops of the trees and bushes. They had evidently just arrived. An hour later and all were concealed in the bushes and could not be seen at all. I got two good specimens however.

Saw a Blue Grosbeak but could not get it. It was in the top of a dead tree in the open and sat quietly singing. The song was strong clear and was audible for quite a distance. The bird would not let me get within gunshot but kept flying ahead of me in the open. It went down along the ground in some weeds and hopped around. Finally it disappeared and could not be found.

Saw a Carolina Wren in a tree singing on the bottom. It sang with its tail hanging straight down and its bill held nearly vertical. It moved around from one perch to another but was not at all wild.

Heard the song of the Short-billed Marsh Wren several times but could not find the birds. It sounded rather natural.

Got a Crested Flycatcher in the oak woods. At home they generally keep to the bottoms.

1060. *Vireo bellii*

1061. *Guiraca caerulea*

Blue Grosbeak

Bell Vireo

Yellow-breasted Chat

Lincoln Sparrow

May 3, Wednesday.

1060. *Vireo bellii*. A. Wetmore, Old Field, Independence, Kansas, iris brown. maxilla brown. base of gonys pale yellowish white. rest pale slate tarsus slate. Length $4\frac{5}{8}$ wing $2\frac{5}{8}$ tail $1\frac{5}{8}$ Bad stomach contents muscle

1061. *Guiraca caerulea*. A. Wetmore, Old Field, Independence, Kansas, iris brown. maxilla dusky. ~~maxilla~~ very pale slate. Tarsus dusky brown. Length $6\frac{1}{2}$ wing $3\frac{9}{16}$ tail $2\frac{5}{8}$ Bad stomach contents muscle.

This morning I went down in the Old Field after a Blue Grosbeak. Did not try to get anything else. One was heard singing from the top of a hedge but I could not get near. Finally I saw it again on a telegraph wire. A number of men walked by on their way to work and it did not notice them. I tried the same tactics myself and was successful. The bird was very handsome and more than exceeded my expectations.

Also got a Bell Vireo. Saw one last Saturday but did not know what it was. It was hunting along a hedge and through the thickets. The song was as Ross says an indescribable spatter given with some emphasis. The bird was fairly active but frequently sat quiet for a minute at a time. It kept in the thickest part of the growth. It sang quite a good deal but the other one seen kept at it almost constantly.

Heard a number of Yellow-breasted Chats but did not see any. The call note was a peculiar harsh sound and was peculiar in its nature. The birds kept themselves extremely well concealed.

Also Heard a Lincoln Sparrow sing.

Lincoln Sparrow (con.)

1062. *Butorides virescens*

1063. *Uporornis formosa*

1064. *Uporornis formosa*

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Los Angeles
11/09

1065. *Empidonax traillii albonum*

1066. *Setophaga ruticilla*

1067. *Hylocichla aliciae*

It sat in the edge of a bushpile and when frightened off soon came back. The song was in some parts like the Song Sparrow fall song and was given in a rather weak tone. It was a mere jumble of trills & notes. It seemed a little like rain. The only other one I have heard make a sound was heard on a rainy day. Perhaps it is the home atmosphere with them.

May 6, Saturday.

1062. *Butorides virescens*. A. Wetmore. Pond on Prairie, Independence, Kansas, iris yellow. bill black. Culmen dull white. Tarsus yellow. Length $17\frac{3}{4}$ wing $7\frac{3}{8}$ tail $2\frac{7}{8}$ Ad. stomach contents insects

1063. *Uporornis formosa*. A. Wetmore. Bottom Woods, Independence, Kansas, iris brown. bill dark brown. base dull white. Tarsus pale brown. Length $5\frac{5}{8}$ wing $2\frac{7}{8}$ tail 2 Ad. stomach contents insects

1064. *Uporornis formosa*. A. Wetmore. Bottom Woods, Independence, Kansas, iris brown. bill black. base of mandible dull brown. Tarsus pale brown. Length 5 wing $2\frac{5}{8}$ tail $1\frac{1}{2}$ Ad. stomach contents insects

1065. *Empidonax traillii albonum*. A. Wetmore. Bottom Woods, Independence, Kansas, iris brown. maxilla and tip of mandible brown. rest horn. a brown mark each side of gonyx. Tarsus black. Length $5\frac{1}{4}$ wing $2\frac{1}{2}$ tail $2\frac{1}{8}$ Ad. stomach contents insects

1066. *Setophaga ruticilla*. A. Wetmore. Bottom Woods, Independence, Kansas, iris brown. bill black. Tarsus blackish brown. Length 5 wing $2\frac{1}{2}$ tail $2\frac{1}{4}$ Imm. Stomach contents insects.

1067. *Hylocichla aliciae*. A. Wetmore. Bottom Woods, Independence, Kansas, iris brown. maxilla tip of mandible black. rest yellow. Tarsus dull brown. Length $7\frac{1}{8}$ wing $4\frac{3}{8}$ tail $2\frac{5}{8}$ Ad. stomach contents insects

1068 *Hylocichla ustulata swainsonii*

1069 *Piranga rubra*

1070 *Quiraca caerulea*

1071 *Quiraca caerulea*

1072 *Icterus spurius*

1073 *Icterus spurius*

1074 *Cyanospiza iris*

1075 *Vireo bellii*

1076 *Troglodytes aedon aztecus*

1068 *Hylocichla ustulata swainsonii*. A. Wetmore. Bottom Woods, Independence, Kansas, iris brown.

maxilla and tip of mandible black rest dull buffy horn. Tarsus dull brown Length $6\frac{1}{2}$ wing $3\frac{3}{4}$ tail $2\frac{1}{2}$ ♂ ad. stomach contents insects

1069. *Piranga rubra*. C. Long. Oak Woods, Independence, Kansas, iris brown. bill greenish olive. mandible paler. Tarsus brown. Length $6\frac{7}{8}$ wing $3\frac{13}{16}$ tail $2\frac{7}{8}$ ♂ ad. stomach contents insects.

1070. *Quiraca caerulea*. C. Long. Oak Woods, Independence, Kansas, iris brown. maxilla black, mandible pale slate. Tarsus brownish black. Length $6\frac{1}{2}$ wing $3\frac{9}{16}$ tail $2\frac{5}{8}$ ♂ ad. stomach contents insects.

1071. *Quiraca caerulea*. A. Wetmore. Hedge on Prairie, Independence, Kansas, iris brown. maxilla black. mandible pale slate. Tarsus black. Length $6\frac{1}{2}$ wing $3\frac{5}{8}$ tail $2\frac{3}{4}$ ♂ ad. stomach contents insects.

1072 *Icterus spurius*. A. Wetmore. Oak Woods, Independence, Kansas, iris brown. bill black. mandibular rami slate. Tarsus slate. Length $6\frac{1}{4}$ wing $3\frac{1}{4}$ tail $2\frac{9}{16}$ ♂ ad. stomach contents insects.

1073. *Icterus spurius*. A. Wetmore. Oak Woods, Independence, Kansas, iris drab. bill black. mandibular rami slate. Tarsus slate. Length $6\frac{5}{8}$ wing $3\frac{1}{8}$ tail $2\frac{3}{4}$ ♂ ad. stomach contents insects.

1074. *Cyanospiza iris*. A. Wetmore. Oak Woods, Independence, Kansas, iris brown. bill dusky, gonyes paler. Tarsus dark brown. Length $5\frac{1}{2}$ wing $2\frac{13}{16}$ tail $2\frac{1}{8}$ ♂ ad. stomach contents seeds.

1075. *Vireo bellii*, A. Wetmore. Hedge on Prairie, Independence, Kansas, iris brown. maxilla + tip of mandible slaty brown. rest dull white. Tarsus slate. Length $4\frac{1}{4}$ wing $2\frac{1}{4}$ tail $1\frac{1}{16}$ ♂ ad. stomach contents insects.

1076. *Troglodytes aedon aztecus*. A. Wetmore.

1076 *Troglodytes aedon aztecus* (con.)

1077 *Dendroica coronata*

1078 *Vireo olivaceus*

Painted Bunting

Myrtle Warbler

Ruby-crowned Kinglet

Richardson's

Bottom Woods, Independence, Kansas, iris brown. maxilla dusky, mandible pale brown. Tarsus brown. Length $4\frac{3}{8}$ wing $2\frac{1}{16}$ tail $1\frac{1}{16}$ Tail 2 to stomach contents insects

1077. *Dendroica coronata*. Q. W. W. W. Bottom Woods, Independence, Kansas, iris brown. bill black. Tarsus black. Length $5\frac{1}{4}$ wing 3 tail $2\frac{1}{8}$ Tail 2 to stomach contents insects

1078. *Vireo olivaceus*. Q. W. W. W. Bottom Woods, Independence, Kansas, iris reddish. maxilla black base of mandible brown. rest slate. Tarsus slate. Length 6 wing $3\frac{7}{8}$ tail $2\frac{1}{4}$ Tail 2 to stomach contents insects

This morning Carl Long and I went up to the Elk River. It rained last night but the sun shone today and it got pretty hot. Heard a clear song coming from the Oak Woods and right in the edge of them found a Painted Bunting. It was hopping around in the top of a tree singing and I shot it. I thought it was a female but it proved to be a male in immature plumage. The song had considerable carrying power.

Myrtle Warblers were common through the oak woods and kept stringing through continually. Saw one flycatching in the willows around a pond and his bright colors glowed in the hot sun with an almost tropical splendor. Also saw several Ruby-crowned Kinglets.

Richardson's were common in the Oak Woods and also along the river. One that I got was a young male. I saw them in the trees right in the thick of the woods. They seemed to prefer to hunt

Chickadee (con.)

Baltimore Oriole

Summer Tanager

Kentucky Warbler

Carolina Wren
Kentucky Warbler.

Whippoorwill

Blue Jay

through the outermost branches and were rather slow in their movements. Along the river they sidled out on the damp willow branches until they bent with their weight and hung head down.

The Baltimore are also common now. The beginning of their song is entirely different from what it is in home. It is a repetition of one note, rather rolling in its nature.

Saw several Summer Tanagers today. They kept in the tops of the trees and females were also seen. They called chicky tick. They were deliberate in moving through the trees and though brilliant in color were hard to find as they kept in the thick leaves.

Heard a number of Kentucky Warblers sing and got two. The song was clear and rapid and sounded somewhat like that of the Carolina Wren. In singing they chose a perch about twenty feet from the ground and sat on a bare limb. When hunting for food they kept on the ground in the green growth or in bushes and were hard to see and could not be secured here.

In the oak woods on a sunny side hill we flushed a Whippoorwill but could not get a shot at it. It flew very swiftly and erratically and always dropped back onto the ground. After a time we lost it and could not find it again. Considerable white showed in the tail.

Watched a pair of Bluejays in a tree. First one came and settled down in a crotch and called quiqui to the other and then its mate did the same.

Bell Vireo

Blue Grosbeak

Western House Wren.

Alder Flycatcher.

Gray checked Thrush.

Green Heron

Bronzed Grackle

Bell Vireos were common along the hedges. They sang constantly and it could be mistaken for nothing else. Shot one. It came out on a telephone wire to sing but dodged back whenever a train passed. When they flew they always kept on the opposite side of the hedge. One was heard in the front yard of a farm house.

Also saw a pair of Blue Grosbeaks along a hedge. They fed along a wire fence and lit in a flowered field. They were wild and flew for long distances ahead of and we only got one of them.

House Wrens were found along the river and also on the uplands. They were very active and when scared out of a bushpile generally lit for a minute in a low tree.

Got one Alder Flycatcher. It flew to a perch ahead of me in the thick woods. One or two others were seen.

In one place were a number of Thrushes among which were two Gray-checked. They flew to a perch ahead of me and sat there staring at me. They seemed more nervous than the others. The one that I got was very fat.

One found I shot a Green Heron on the wing. It flew quite directly. As one foot it had only one toe and it looked as if it had been caught in a trap. It was feeding in among some willows.

In town a number of Bronzed Grackles are always around the house. This afternoon several were walking around

Bronzed Grackle (con.)

Bluejay

1079 Empidonax acadicus

1080 Dendroica striata

1081 Dendroica striata

underneath a tree. One sat on a branch of above them and walked down the end of it to the very tip. Then he swung head down above the others for nearly a minute calling tee tee. When the males approached the females the latter shook their wings as young birds do. Saw the females carrying material for a nest. These birds come around the chicken yard for water. They frequently make the tail deeply notch-shaped while flying and can control its shape at will. They are very noisy.

Caught a mouse in a trap and carrying it out above threw it in the high grass of the next lot. A minute later a Bluejay lit on the fence and peered intently into the grass. Then it flew down and got the mouse and went on the fence with it. Holding it in one foot it pounced it a few times and then taking it into its bill flew into the trees again. It had evidently seen me throw it out and wondered what it was.

May 10, Wednesday.

1079. Empidonax acadicus. A. Wetmore. Draw in Oak Woods, Independence, Kansas, iris brown. maxilla black. mandible horn. line each side of gape dark brown. tarsus brownish slate. Length $5\frac{5}{8}$ wing $3\frac{1}{2}$ tail $2\frac{7}{16}$ Bad. stomach contents insects.
1080. Dendroica striata. A. Wetmore. Drunkards Glen, Independence, Kansas, iris brown. maxilla black. base of mandible yellow. rest greenish dusky. tarsus orange brown. Length $5\frac{3}{8}$ wing $3\frac{1}{8}$ tail $2\frac{1}{16}$ Bad. stomach contents insects.
1081. Dendroica striata. A. Wetmore. Oak Woods.

1081 *Dendroica striata* (con.)

1082 *Chondestes grammacus*

1083 *Hylocichla ustulata swainsonii*

1084 *Hylocichla ustulata swainsonii*

Olive backed Thrush

Yellow-breasted Chat

Independence, Kansas, iris brown. maxilla black. base of mandible yellow-rust greenish dusky. tarsus orange brown. Length $5\frac{1}{4}$ wing $3\frac{3}{4}$ tail $1\frac{1}{4}$ ♂ ad. Stomach contents insects

1082. *Chondestes grammacus*, A. Wetmore. High Prairie, Independence, Kansas, iris chest brown. maxilla clay brown. base of gonyx dull white, rest of mandible pale slate. tarsus brown. Length $6\frac{5}{8}$ wing $3\frac{1}{4}$ tail $2\frac{7}{8}$ ♂ ad. Stomach contents insects

1083. *Hylocichla ustulata swainsonii*. A. Wetmore. Bottom Woods, Independence, Kansas, iris brown. maxilla + tip of mandible black. rest pale yellow. tarsus dull brown. Length $6\frac{5}{8}$ wing $3\frac{7}{8}$ tail $2\frac{3}{4}$ ♂ ad. Stomach contents insects

1084. *Hylocichla ustulata swainsonii*. A. Wetmore. Bottom Woods, Independence, Kansas, iris brown. maxilla and tip of mandible black. rest pale yellow. tarsus dull brown. Length $6\frac{3}{4}$ wing $4\frac{1}{4}$ tail $2\frac{3}{4}$ ♂ ad. Stomach contents insects.

Tonight after school I went up the river. The wind was blowing hard and I could not do much.

Olive-backed Thrushes were common. I heard their queer alarm-note in all directions in the woods. They preferred little sick-bills that were not with gulls. When I scared them up usually lit on a branch in plain sight. There were several but in one the fat ran out on the feathers so, that I had to throw it away.

Heard a number of yellow-breasted Chats singing and calling but saw none. It sat on a limb with its tail held up and wings drooped for an instant.

Acadian Flycatcher

Alder Flycatcher

Broad winged H.

1085. *Spiza americana*

Sent to C. B. Smith
Los Angeles 12/6/07

1086. *Spiza americana*

1087. *Helminthophila celata*

1088. *Vireo noveboracensis*

In the oak woods I heard a strange note whit. see given in a sharp, emphatic manner. It was very abrupt and almost startling in its effect. Soon I saw the bird and it flew onto a dead limb where I shot it. It proved to be the Acadian Flycatcher, the first one I had ever seen.

I saw and heard two or three Alder Flycatchers also. They kept in the tops of the trees among the leaves and although they moved a good deal it was impossible to get a shot because of the ~~light~~ wind. The only way I could follow them was by the call note whit.

I saw a Broad-winged Hawk soaring above the trees.

May 11, Thursday

1085. *Spiza americana*. A. Wetmore. Bottom fields, Independence, Kansas, iris brown. base of gonys pale buffy white. rest of mandible and maxillary tomia slate. rest of maxilla dusky. tarsus brown. Length 6, wing $3\frac{1}{4}$ tail $2\frac{1}{16}$ Food stomach contents seeds.

1086. *Spiza americana*. A. Wetmore. Bottom fields, Independence, Kansas, iris brown. base of gonys dull buff rest of mandible and maxillary tomia slate. rest of maxilla dusky. tarsus dusky brown. Length $6\frac{1}{4}$ wing $3\frac{3}{8}$ tail $2\frac{1}{16}$ Food stomach contents seeds.

May 12, Friday

1087. *Helminthophila celata*. A. Wetmore. Oak Woods, Independence, Kansas, iris brown. base of mandible dull buff. rest of bill dusky. tarsus brown. Length $4\frac{3}{4}$ wing $2\frac{1}{4}$ tail $1\frac{9}{16}$ Food stomach contents seeds.

1088. *Vireo noveboracensis*. C. Long. Oak Woods.

1088 *Vireo noveboracensis* (con.)
Andropendone

1089. *Vireo noveboracensis*

1090 *Helminthophila*
rubicapilla

1091 *Petrochelidon lunifrons*

1092. *Zenaidura macroura*

1093. *Geothlypis trichas*
brachydactyla

1094 *Empidonax acadicus*

1095. *Cyanospiza cyanea*

Andropendone, Kansas, iris white. maxilla black. tip of mandible white. rest dark slate. tarsus slate. Length 5 wing $2\frac{7}{8}$ tail 2 ♀ ad. stomach contents insects

1089. *Vireo noveboracensis*. A. Wetmore. Oak Woods, *Andropendone*, Kansas, iris white. maxilla black. tip of mandible white. rest dark slate. tarsus dark slate. Length $4\frac{5}{8}$ wing $2\frac{1}{2}$ tail $1\frac{3}{4}$ ♂ ad. stomach contents insects

1090. *Helminthophila rubicapilla*. A. Wetmore. Oak Woods, *Andropendone*, Kansas, iris brown. base of mandible dull buff. rest of bill dusky. tarsus dark brown. Length $4\frac{1}{2}$ wing $2\frac{1}{2}$ tail $1\frac{1}{4}$ ♂ ad. stomach contents insects

1091. *Petrochelidon lunifrons*. A. Wetmore. High Prairie, *Andropendone*, Kansas, iris brown. bill black. tarsus dark brown. Length $5\frac{3}{8}$ wing $4\frac{1}{2}$ tail 2 ♀ ad. stomach contents insects

1092. *Zenaidura macroura*. A. Wetmore. Old Field, *Andropendone*, Kansas, iris brown. bill black. tarsus dull red. Length $11\frac{1}{8}$ wing $5\frac{1}{8}$ tail 5. ♀ ad. stomach contents seeds

1093. *Geothlypis trichas brachydactyla*. A. Wetmore. Verdigris River, *Andropendone*, Kansas, iris brown. base of bill brown. rest dusky. tarsus brown. Length $4\frac{3}{4}$ wing $2\frac{1}{8}$ tail $1\frac{7}{8}$ ♀ ad. stomach contents insects

1094. *Empidonax acadicus*. A. Wetmore. Bottom Woods, *Andropendone*, Kansas, brown. mandible, pale brown. line each side of gorge brown. maxilla dusky. tarsus dark slate. Length $5\frac{3}{8}$ wing $2\frac{3}{8}$ tail $2\frac{1}{8}$ ♀ ad. stomach contents insects

1095. *Cyanospiza cyanea*. A. Wetmore. Old Field, *Andropendone*, Kansas, iris drab. maxilla and

1095. *Cyanospiza cyanea* (un.)

1096. *Cyanospiza ciris*

1097. *Seturus spinus*

1098. *Seturus virens*

1099. *Hylocichla ustulata swainsonii*

Dickcissel

Night Hawk

Poorwill

gouys dusky. rest dull slate. tarsus dusky. Length $5\frac{1}{8}$ wing $2\frac{1}{16}$ tail 2 $\frac{1}{2}$ ad. stomach contents insects

1096. *Cyanospiza ciris*. A. Wetmore. High Prairie, Independence, Kansas, iris brown. maxilla dusky. mandible slate. tarsus dark brown. Length $5\frac{3}{8}$ wing $2\frac{7}{8}$ tail $2\frac{1}{8}$ ad. stomach contents seeds.

1097. *Seturus spinus*. A. Wetmore. Oak Woods, Independence, Kansas, iris dark brown. mandibular ramus slate. rest of bill black. tarsus slate. Length $6\frac{1}{4}$ wing $3\frac{1}{4}$ tail $2\frac{7}{8}$ ad. stomach contents insects.

1098. *Seturus virens*. A. Wetmore. Old Field, Independence, Kansas, iris brown. bill black. tarsus black. Length $6\frac{7}{8}$ wing 3 tail $2\frac{7}{8}$ ad. stomach contents insects.

1099. *Hylocichla ustulata swainsonii*. A. Wetmore. Bottom Woods, Independence, Kansas, iris brown. maxilla and tip of mandible black. rest pale horn. tarsus. Isabella brown. Length $6\frac{1}{2}$ wing $2\frac{7}{8}$ tail $2\frac{1}{2}$ ad. stomach contents insects.

Last night after supper I went out along the railroad track. Dickcissels were common all along the bottoms in the wheat fields. They called chink continually and the male sang. They usually sat on a wire or a rock and kept repeating their husky songs while the others called from grass.

A few night hawks were flying but I got no shots.

Heard Poorwill calling in the oak woods but could not distinguish the note as they were so far away.

Yellow breasted Chat

Nashville Warbler

Orange-crowned Warbler

White-eyed Vireo

Woodhouse's Sparrow

This morning Carl Song and I went up the river.

Heard a number of yellow-breasted Chats singing and squawking. They kept entirely down in the brush. One was out in an isolated clump. And when we came it flew with a tilting flight to another. It lit for an instant on a dead limb and I shot.

Heard a familiar song coming from the top of a tree and after some trouble shot the bird. It was a male Nashville Warbler in fine plumage.

Farther on another small Warbler was hopping around in a tree actively. It proved to be a female Orange-crowned the first one I ever shot. I did not know what it was until I got home. I had supposed them to be larger although I had seen the male.

In the Oak Woods I got a pair of White-eyed Vireos, my first specimens. They were hunting low down through the scrub oaks singing and calling. Both sang and were very noisy. The female had quite a large brood. The white eye gives these birds a strange appearance when seen in the brush.

Heard several Woodhouse's Sparrows in the pasture and Oak Woods. They called whut-er-er and another chirp. One sat clear in the tops of the trees calling steadily and moving from one perch to another. Finally it flew off through the trees and was silent. They seem hard to kill and I missed one or two. They were rather hard

Acadian Flycatcher (con.)

Cliff Swallow

Painted Bunting

1100 *Chaetura pelagica*

1101 *Chaetura pelagica*

1102 *Icterus spurius*

1103 *Empidonax traillii albonum*

1104 *Chondestes grammacus*

to find. Usually they were sitting on dead limbs rather low down.

A small flock of Cliff Swallows came flying over and I shot one. I think I have seen this same flock several times flying around.

A small bird flew along the hedge in front of us with an undulating flight. It hit on a limb and then moved to another perch and I shot it. It was an adult male Nonpareil.

May 13, Saturday.

1100. *Chaetura pelagica*. A. Wetmore, Old Field, Independence, Kansas, iris brown, bill black, tarsus purplish brown. Length $5\frac{1}{4}$ wing $5\frac{1}{4}$ tail $1\frac{3}{4}$ ♀ ad. Stomach contents insects.

1101. *Chaetura pelagica*. A. Wetmore, Oak Woods, Independence, Kansas, iris brown, bill black, tarsus purplish slate. Length 5 wing $5\frac{1}{8}$ tail $1\frac{5}{8}$ ♀ ad. Stomach contents insects.

1102. *Icterus spurius*. A. Wetmore, Oak Woods, Independence, iris brown, mandibular ramus pale slate, rest of bill dusky, tarsus slate. Length $6\frac{1}{8}$ wing 3 tail $2\frac{3}{8}$ ♀ ad. Stomach contents insects.

1103. *Empidonax traillii albonum*. A. Wetmore, Old Field, Independence, Kansas, iris drab, maxilla brown, band each side of gape same, rest of mandible dull yellowish, tarsus black. Length 5 wing $2\frac{15}{16}$ tail $2\frac{1}{4}$ ♀ ad. Stomach contents insects.

1104. *Chondestes grammacus*. C. Long, High Prairie, Independence, Kansas, iris brown, base of gape faintly reddish, rest of mandible slaty white, mandible isabella brown, tarsus dull white. Length $6\frac{3}{8}$ wing $3\frac{1}{4}$ tail $2\frac{3}{8}$ ♀ ad. Stomach contents seeds. Set no. 74.

1105 *Otocoris alpestris praticola*

1106 *Cardinalis cardinalis*

1107 *Cardinalis cardinalis*

Orchard Orioles

74. *Chondestes grammacus*:

Lark Sparrow

1105. *Otocoris alpestris praticola* A. Wetmore, High Prairie, Independence, Kansas, iris drab brown maxilla and tip of mandible black rest slaty white. Tarsus brown. Length $6\frac{1}{2}$ wing $4\frac{3}{4}$ tail $2\frac{7}{8}$ ♂ ad. stomach contents insects.

1106. *Cardinalis cardinalis* A. Wetmore. Old Field, Independence, Kansas, iris brown. bill red. Tarsus brown. Length $7\frac{7}{8}$ wing $3\frac{5}{8}$ tail $3\frac{3}{4}$ ♀ ad. stomach contents insects.

1107. *Cardinalis cardinalis* A. Wetmore. Old Field, Independence, Kansas, iris brown, bill red. Tarsus brown. Length $8\frac{3}{4}$ wing $3\frac{1}{2}$ tail $4\frac{5}{8}$ ♂ ad. stomach contents insects.

Orchard Orioles are beginning to build now. Both males and females come down on to the ground and hop around in the grass. They are tame and quite noisy. They are also seen a great deal flying from place to place in the air. The one I got was secured while flying.

74. *Chondestes grammacus*. A. Wetmore. High Prairie, Independence, Kansas. nest on ground with no covering. built of grass and weeds lined with fine grass and horsehair. Eggs 5, fresh. ♀ taken.

This Lark Sparrow came up and Carl shot it. It flew up from the nest right at his feet. The nest was perfectly open but was between two weeds which would shade it in a few days. It was out in the open field in the highest driest part of the prairie. The male was not seen.

1108 *Compsothlypis americana*
ramalinae

1109 *Hylocichla ustulata*
swainsonii

1110 *Hylocichla mustelina*

1111 *Melanerpes carolinus*

1112 *Galeoscoptes carolinensis*

1113 *Cyanospiza cyanea*

1114 *Empidonax traillii albonum*

1115 *Molothrus ater*

May 16, Tuesday.

1108. *Compsothlypis americana ramalinae*. A. Wetmore.
Bottom Woods, Independence, Kansas, iris brown.
maxilla dusky. mandible yellow. tarsus
yellowish brown. Length $4\frac{1}{4}$ wing $2\frac{3}{8}$ tail $2\frac{9}{16}$ ♂ ad.
Stomach contents insects.

1109. *Hylocichla ustulata swainsonii*. A. Wetmore.
Bottom Woods, Independence, Kansas, iris brown.
Maxilla and tip of mandible black. base horn.
tarsus isabella brown. Length $6\frac{7}{8}$ wing $4\frac{1}{8}$ tail $2\frac{1}{2}$
♀ ad. stomach contents insects.

1110. *Hylocichla mustelina*. C. Long. Bottom Woods,
Independence, Kansas, iris brown. maxilla
and tip of mandible black. rest horn. tarsus
isabella brown. Length $7\frac{1}{4}$ wing $4\frac{1}{4}$ tail $2\frac{1}{4}$
♀ ad. stomach contents insects.

1111. *Melanerpes carolinus*. A. Wetmore. Oak Woods,
Independence, Kansas, iris reddish brown. tarsus
greenish drab. bill black. Length $8\frac{7}{8}$ wing $5\frac{3}{8}$
tail $2\frac{7}{8}$ ♀ ad. stomach contents insects.

1112. *Galeoscoptes carolinensis*. A. Wetmore. Oak Woods,
Independence, Kansas, iris dark brown. bill black.
tarsus dark brown. Length $8\frac{1}{2}$ wing $3\frac{5}{8}$ tail $3\frac{1}{6}$
♂ ad. stomach contents insects.

1113. *Cyanospiza cyanea*. C. Long. Oak Woods, Inde-
pendence, Kansas, iris brown. maxilla &
gouge black. base of mandible yellow. rest
pale slate. tarsus dusky. Length $5\frac{1}{4}$ wing $2\frac{3}{4}$
tail 2 ♂ ad. stomach contents seeds.

1114. *Empidonax traillii albonum*. C. Long. Oak Woods,
Independence, Kansas, iris brown. maxilla black.
base of mandible horn. rest dull brown.
tarsus black. Length 5 wing $2\frac{7}{16}$ tail 2 ♀ ad. stomach
contents insects.

1115. *Molothrus ater*. A. Wetmore. High prairie

1115 *Molothrus ater* (con.)

1116 *Quiscalus quiscula aeneus*

1117 *Helminthophila peregrina*

1118 *Vireo gilvus*

1119 *Quiraca caerulea*

1120. *Cyanospiza cyanea*

General

Bronzed Grackle

Independence, Kansas, iris dull brown. bill black. larva black. Length $7\frac{1}{8}$ wing $4\frac{3}{4}$ tail $2\frac{3}{4}$ ♂ ad. Stomach contents. insects.

1116. *Quiscalus quiscula aeneus* Q. Wetmore. Old Field, Independence, Kansas, iris pale yellow bill black. larva black. Length $10\frac{7}{8}$ wing $5\frac{5}{8}$ tail 5. ♂ ad. Stomach contents insects.

(See May 17 for notes)

May 17, Wednesday.

1117. *Helminthophila peregrina* Q. Wetmore. Verdigris River, Independence, Kan. iris brown. bill dusky. base of gape brown. tarsus brownish slate. Length $4\frac{4}{8}$ wing $2\frac{1}{2}$ tail $1\frac{3}{8}$ ♀ ad. Stomach contents insects.

1118. *Vireo gilvus*. Q. Wetmore. Oak Woods, Independence, Kansas, iris dark brown. maxilla wood brown. base of mandible dull white. rest dull slate. tarsus slate. Length $5\frac{3}{8}$ wing $2\frac{7}{8}$ tail $2\frac{1}{8}$ ♂ ad. Stomach contents insects.

1119. *Quiraca caerulea*. Q. Wetmore. Old Field, Independence, Kansas, iris dark brown. maxilla wood brown. mandible dull white. tinged with slate on loxia and red on gape. tarsus dull brown. Length $6\frac{5}{8}$ wing $3\frac{3}{4}$ tail $2\frac{1}{16}$ ♂ ad. Stomach contents seeds.

1120. *Cyanospiza cyanea*. Q. Wetmore. Old Field, Independence, Kansas, iris dark brown. maxilla and gape black. rest dull white. tinged with slate on loxia. tarsus brown. Length 5, wing $2\frac{3}{4}$ tail 2 ♂ ad. Stomach contents seeds.

(May 16) This morning Carl Long and I went up the river. Birds were not as common as they were. The migration has passed its highest point and no new species were secured. Shot a male Bronzed Grackle. They come

Bronzed Grackle (cont.)

Cowbird.

Parula Warbler

Blue Grosbeak

Tennessee Warbler.

May Birdlist, 1905

down from town to bathe and feed around a little run. They are not very wild but are rather hard to get as they are usually either too close or too far away. It had a conspicuous bunch of feathers on the neck which were very thick. I noticed that this could be erected. The same thing was seen to be true on a wish Cowbird which I shot. It may be a development during the breeding season.

In the bottom woods I saw two male Parula Warblers chasing each other and got one. They may possibly breed here.

(May 17) This morning I went out alone. Shot a Blue Grosbeak that was just getting its adult plumage.

Along the river were many Tennessee Warblers. They seemed to prefer the willows almost all together.

Bird-list May 1-21.

Carolina Wren
Cardinal
Bluebird
American Goldfinch
Crow.
English Sparrow.
Harris Sparrow.
Robin
Bluejay.
Downy Woodpecker.
Chicadee.
Tufted Titmouse.
Red-bellied Woodpecker.
Hairy Woodpecker.

Lincoln Sparrow.
Field Sparrow.
White-throated Sparrow.
Bronzed Grackle
Phoebe
Cowbird.
Blue-gray Gnatcatcher.
Louisiana Water-Thrush.
White-crowned Sparrow
White-rumped Shrike.
Killdeer.
Red-winged Blackbird
Chipping Sparrow.
Brown Thrasher

May Birdlist (Cont.)

Mockingbird
 Myrtle Warbler.
 Red-headed Woodpecker.
 Lark Sparrow.
 Chimney Swift.
 Mourning Dove.
 Warbling Vireo
 Yellow Warbler
 Audubon Warbler.
 Northern Yellowthroat
 Wood Thrush
 Spotted Sandpiper.
 Kingbird.
 Orchard Oriole.
 Red-eyed Vireo
 Catbird.
 Scarlet Tanager
 Baltimore Oriole
 Western House Wren
 Crested Flycatcher
 Summer Tanager
 Indigo Bunting.
 Wilson Thrush
 Blue Grosbeak.
 Clay-colored Sparrow
 Painted Bunting
 Yellow-billed Cuckoo.
 Short-billed Marsh Wren.
 Least Flycatcher.
 Bell's Vireo.
 Wood Pewee.
 Night-Hawk.
 Cliff Swallow.
 White-breasted Nuthatch
 Flycatcher.

Ruby-crowned Kinglet.
 Kingfisher
 Broad-winged Hawk.
 Turkey Vulture.
 Black and White Warbler.
 Prairie Horned Lark.
 Meadowlark.
 Red-tailed Hawk.
 Parula Warbler.
 Solitary Sandpiper.
 Redstart
 Green Heron.
 Olive-backed Thrush.
 Alder Flycatcher.
 Whippoorwill.
 Kentucky Warbler.
 Gray-checked Thrush
 Yellow-throated Vireo.
 Prothonotary Warbler.
 Acadian Flycatcher.
 Black-Poll Warbler.
 Heron Blue
 Bobolink.
 Poorwill.
 Dickcissel.
 Rough-winged Swallow.
 Tennessee Warbler.
 Great Horned Owl.

1121. *Spiza americana*

1122 *Chondestes grammacus*

1123 *Coccyzus americanus*

1124. *Quiraca caerulea*.

1125 *Cyanospiza cyanea*

1126 *Contopus virens*

1127 *Agelaius phoeniceus*

75. *Cardinalis cardinalis*

Minco, Indian Territory.

May 23, Sunday

1121. *Spiza americana*. Q. Wetmore. River Bottom, Minco, d. I. iris dull brown. maxilla + tip of mandible dusky. base of gonys pale buff. maxillar cornua + rest of mandible slate. Tarsus brown. Length 6 wing $3\frac{1}{4}$ tail $2\frac{1}{16}$ ♂ ad. stomach contents seeds.

1122. *Chondestes grammacus*. Q. Wetmore. Prairie, Minco, d. I. iris brown. maxilla hair brown. base of mandible dull white. rest pale slate. Tarsus light brown. Length 6 $\frac{3}{4}$ wing $3\frac{7}{8}$ tail $2\frac{1}{16}$ ♂ ad. stomach contents. seeds.

1123. *Coccyzus americanus*. Q. Wetmore. Buggy Creek, Minco, d. I. iris dark brown. maxilla black. tip of maxilla dull grey. rest yellow. Tarsus dark slate. Length $11\frac{1}{2}$ wing $5\frac{7}{8}$ tail $5\frac{3}{4}$ ♂ ad. stomach contents insects.

1124. *Quiraca caerulea*. Q. Wetmore. Marsh, Minco, d. I. iris brown. bill olive. mandible pale. Tarsus dark brown. Length $6\frac{1}{2}$ wing $3\frac{1}{4}$ tail $2\frac{1}{2}$ ♀ ad. stomach contents seeds.

1125. *Cyanospiza cyanea*. Q. Wetmore. Buggy Creek, Minco, d. I. iris brown. maxilla and gonys black. rest dull slate. base of gonys yellow. Tarsus dusky. Length $5\frac{1}{8}$ wing $2\frac{1}{2}$ tail $1\frac{3}{16}$ ♀ ad. stomach contents seeds.

1126 *Contopus virens*. Q. Wetmore. Buggy Creek, Minco, d. I. iris brown. maxilla black. tip of mandible brown. rest dull yellow. Tarsus black. Length 6 wing $3\frac{3}{8}$ tail $2\frac{1}{2}$ ♂ ad. stomach contents insects.

1127. *Agelaius phoeniceus*. Q. Wetmore. Marsh, Minco, d. I. iris drab brown. bill black. Tarsus black. Length 9 wing 5 tail $3\frac{3}{4}$ ♂ ad. stomach contents insects.

#75. *Cardinalis cardinalis*. Q. Wetmore. Buggy Creek, Minco, d. I. nest in elm bush $1\frac{1}{2}$ feet from ground. Made of leaves and grass and lined with rootlets. well concealed. Eggs 5. fresh. 9 seen.

Mourning Dove

Bobwhite

American Coot

Scissor-tailed Flycatcher

Dickcissel

Blue Grosbeak

This morning I came here to Mexico d. I. The most noticeable bird all the way from Independence was the Mourning Dove. They sat on the fences and flew up as the train went by in great numbers. Dozens were seen for every mile.

A number of Bobwhites were also seen. One pair flew up beside the track and the male turned and hopped as the train passed as if he were threatening it.

After breakfast Marvin Woodworth and I went down along Budgy Creek. On a pond were about a dozen American Coots. Saw one wading in the edge. When they flew they pattered along the surface of the water for some distance. One came up and passed us at a distance of about thirty feet and his powerful feet were working as fast as his wings. It looked very funny to see him. One bunch of about a dozen came up and lit out in the open water.

Three Scissor-tailed Flycatchers were seen but I could not get them. The males have an enormously forked tail. The flight is straight and these seemed wild. Heard one give a harsh sharp note. They sat in the tops of the trees and bushes and were on high ground.

Dickcissels were extremely abundant. They were singing incessantly all day long. They did not seem much afraid but let us pass right by them. From their actions I should judge they were nesting. The one I shot I took for a female but it proved to be a male. They were found everywhere but seemed to prefer the edges of brushy tracts. Called Field Canaries.

Several Blue Grosbeaks were seen and I secured one female. It was a handsome bird. One pair was seen along the railroad track. They were

Blue Grosbeak (con.)

Bell Vireo

Cardinal

Kingfisher

Painted Bunting

Night-hawk

Mockingbird

rather wild as always. The males seemed to be more suspicious than the females.

Bell Vireos were common. They were found everywhere that it was bushy but were especially common in some plum thickets about waist high that stood on the uplands. It was impossible to get a shot at them here however. Heard one give several harsh call-notes. They are also in the yards in town and I hear one as I write. I can not even attempt to write down its song. It has to be heard to be realized.

A female Cardinal flew from her nest in a bush and I secured the eggs. One looked rather like a Cowbird's egg but I was not sure about it. The nest was lower than the other one and was very well concealed.

Saw a Kingfisher on a telegraph wire near a Railroad cut which had a fish in its bill. It evidently had a nest somewhere as it only flew a short distance when we came along. I have not seen one at Independence for some time.

Several Nuthatches were seen and heard. They were not wild but kept well-concealed in the brush moving from one perch to another. They preferred the edge of the brush to the thicker part. The song was pleasing and was given a good share of the time.

On the way down a number of Night-Hawks were seen. One was sitting on a fence post and another on a patent iron gate.

A Mockingbird makes the yard his headquarters. A favorite perch is the top of the barn and he sat there and sang all the while I was skinning birds.

1128 *Muscivora forficata*

1129 *Sterna antillarum*

1130 *Acterna spuria*

1131 *Chordeiles virginianus*
henryi

1132 *Chordeiles virginianus*
henryi

1133 *Ceryle alcyon*

1134 *Queraca caerulea*

1135 *Acterna spuria*

Minco, d. I.

May 24, Wednesday.

1128. *Muscivora forficata*. A. Wetmore. South Canadian River, Minco, d. I. iris brown. bill dusky black, tarsus dark brown. Length $13\frac{1}{2}$ wing 5, tail $8\frac{3}{8}$ ♂ ad. Stomach contents: insects.

1129. *Sterna antillarum*. A. Wetmore. South Canadian River, Minco, d. I. iris drab. tip of bill black. rest yellow. tarsus dull yellow. Length $8\frac{5}{8}$ wing $6\frac{1}{16}$ tail $3\frac{1}{4}$ ♂ ad. Stomach contents: minnows.

1130. *Acterna spuria*. A. Wetmore. South Canadian River, Minco, d. I. iris drab. mandibular rami slate. rest black. tarsus dull slate. Length $6\frac{1}{4}$ wing $3\frac{1}{4}$ tail $2\frac{1}{16}$ ♂ ad. Stomach contents: insects.

1131. *Chordeiles virginianus henryi*. A. Wetmore. South Canadian River, Minco, d. I. iris brown. bill black. tarsus dull brown. Length $8\frac{3}{4}$ wing $7\frac{1}{2}$ tail $4\frac{1}{4}$ ♂ ad. Stomach contents: insects.

1132. *Chordeiles virginianus henryi*. A. Wetmore. South Canadian River, Minco, d. I. iris brown. bill black. tarsus purplish brown. Length $9\frac{1}{4}$ wing 8 tail $4\frac{3}{8}$ ♂ ad. Stomach contents: insects.

1133. *Ceryle alcyon*. A. Wetmore. R. d. R. R. cut in bank. Minco, d. I. iris brown. base of mandible and spot near base of maxilla greenish slate. tarsus purplish brown. Length 13 wing $6\frac{1}{8}$ tail $3\frac{1}{2}$ ♂ ad. Stomach contents: empty.

1134. *Queraca caerulea*. A. Wetmore. South Canadian River, Minco, d. I. iris brown. mandible dull whitish. rest of bill olive. tarsus dusky. Length $6\frac{3}{4}$ wing $3\frac{3}{8}$ tail $2\frac{5}{8}$ ♂ ad. Stomach contents: seeds.

1135. *Acterna spuria*. A. Wetmore. South Canadian River, Minco, d. I. iris dusky. mandibular rami pale slate. rest of bill black. tarsus dull slate. Length $4\frac{3}{4}$ wing 3 tail $2\frac{5}{8}$ ♂ ad. Stomach contents: insects.

1136. *Otocoris alpestris*
leucolaema

1137 *Otocoris alpestris*
leucolaema

1138 *Spiza americana*

Dickcissel

Pallid Horned Lark

Turkey Vulture

Kingfisher

1136. *Otocoris alpestris leucolaema*. A. Wetmore.
Corn field, Minco, I. S. iris brown. base of mandible
pale slate. rest black. tarsus dull brown. Length 7
wing $4\frac{1}{4}$ tail $2\frac{3}{4}$ Stomach contents insects

1137. *Otocoris alpestris leucolaema*. A. Wetmore
Corn field, Minco, I. S. iris light brown. maxilla
and tip of mandible dusky. rest very pale slate.
tarsus brown. Length $6\frac{1}{2}$ wing $4\frac{1}{4}$ tail $2\frac{1}{2}$ ♀ ad.
Stomach contents insects.

1138. *Spiza americana*, A. Wetmore. High Prairie
Minco, I. S. iris brown. Culmen and tip mandible
black. rest of bill slate. darkest on base of
mandible. tarsus dull brown. Length $6\frac{1}{4}$ wing $3\frac{1}{4}$
tail $2\frac{1}{8}$ Stomach contents insects.

This morning Marvin and I went out to
the South Canadian River.

Dickcissels were abundant as before. Saw them
sing on the wing several times. There is one in
the back yard at home. Called also Wheat-bird.

In a cornfield I got a pair of ^{Pallid} Horned
Larks. In actions they were not at all different
from *O. a. praticola* but the song seemed a trifle
different to my ear. Saw one male giving the
flight song. He sustained himself for about three
minutes facing a strong wind and then dropped
swiftly to the earth. Others were seen but they
were rather wild.

Several Turkey Vultures or Buzzards were seen
high in the air. Yesterday one coursed swiftly
back and forth over near a clump of trees.
possibly it had a nest. They are large and very
graceful on the wing.

Saw several Kingfisher holes in a railroad
cut and shot one bird. They seemed rather
anxious when we passed the nest. They were

Kingfisher (con.)

Least Tern

Scissor-tailed Flycatcher

Blue Grosbeak

feeding around a slough on the prairie.

At the river the first thing I saw a Least Tern. It was hovering over a shallow place and beating from side to side. I could not shoot it over the water on account of the quicksand. It would beat up and swing back but always kept over the water. In flight it was very graceful. When it saw something in the water it would hover for an instant and then drop down. If the object disappeared it would catch itself instantly but once it went into the water with a splash. Finally it went up one side of an island and we followed. Two others flew over when the saw us going very fast and calling stridently. They acted as if afraid. Then the other came back flying directly at us and I got it with the second barrel. It was as handsome a bird as I ever saw and was one I had not looked for. The river is wide and has made many sandbanks furnishing a good place for them but I do not think they breed here as the water goes dry in summer.

Later I saw another fly past up a run with a variety of harsh culls. They are hard to follow as their light color blends with the sky.

I also got my first scissor-tailed Flycatcher here. It was a male with an enormous forked tail. In flying the feathers were at times spread and shut like a pair of scissors. This bird gave a single harsh note something like a Kingbird. In spite of its size it was hard to see in a tree with leaves on. The people here call them scissor-tails and Birds of Paradise.

Saw three Blue Grosbeaks and got one female. They were all along the Railroad track some distance from here.

Orchard Oriole

Western Night-hawk

Bell Vireo

Cowbird
Bell Vireo

1139 *Muscivora forficata*

1140. *Coturniculus savannarum*
bimaculatus

1141 *Coturniculus savannarum*
bimaculatus

Mines, D. I.

Saw a number of Orchard Orioles also some distance from the woods. Two were males in immature plumage but they had mates. No. 1130 had one dark tail-feather and a few chestnut feathers on the belly.

Secured up a number of Western Night-Hawks. They were sitting on pieces of drift wood along the river. I shot two both males and saw several others. One that I winged lit on a fence post.

In the garden there is a Bell Vireo's nest in an apple tree about four feet from the ground. It is small and deep and looks like the nest of *N. gilvus* but has a long pendant of gray material. It contains three Vireo eggs and one of the Cowbird. Saw one of the birds light outside a window while I was inside. It perched around sharply for an instant and then was gone. The male put in his time in singing in the trees around the house. I hear his song almost constantly while I am preparing specimens.

May 25, Thursday.

1139. *Muscivora forficata*. A. Wetmore. Brush on prairie, Mines, D. I. iris drab brown. bill dull black. tarsus black. Length $9\frac{7}{8}$ wing $4\frac{5}{8}$ tail 5
♀ ad. Stomach contents. insects

1140. *Coturniculus ^{savannarum} ~~passerinus~~ bimaculatus*. Q. Wetmore. High prairie Mines D. I. iris brown. Maxilla dusky brown. rest of bill pale dull reddish tarsus brown. Length $4\frac{7}{8}$ wing $2\frac{1}{2}$ Tail $1\frac{5}{8}$ ♀ ad stomach contents insects

1141. *Coturniculus ^{savannarum} ~~passerinus~~ bimaculatus*. Q. Wetmore. High prairie Mines D. I. iris brown. Maxilla dull brown. Gouys pale buff. rest of mandible and maxillary tomia pale slate. tarsus pale buff Length 5 wing $2\frac{5}{8}$ tail $1\frac{3}{4}$

- 1141 *C. s. binnaculatus* (con.)
 1142 *Coturniculus savannarum*
binnaculatus

1143. *Coturniculus savannarum*
binnaculatus

1144. *Icteria virens*

- 1145 *Otocoris alpestris leucolaema*

1146. *Spiza americana*

- 1147 *Cyanospiza cyris*

- 1148 *Xanthocephalus xanthocephalus*

♂ ad. Stomach contents insects.

1142. *Coturniculus ~~passerinus~~ ^{savannarum} binnaculatus*. A. Wetmore.
 High Prairie, Minn. ♂. I. iris brown. mandible +
 maxilla buff. rest of maxilla buff brown. light buff brown.
 Length 5 wing $2\frac{1}{2}$ tail $1\frac{3}{4}$ ♀ ad. stomach contents
 insects

1143. *Coturniculus ~~passerinus~~ ^{savannarum} binnaculatus*. A. Wetmore.
 High Prairie, Minn. ♂. I. iris brown. base of gonyx
 pale buff. rest of mandible + maxilla buff.
 rest of maxilla dull brown. Length $4\frac{7}{8}$
 wing $2\frac{9}{16}$ tail $1\frac{1}{16}$ ♂ ad. stomach contents insects

1144. *Icteria virens*. A. Wetmore. Timber on Prairie,
 Minn. ♂. I. iris brown, bill black. tarsus dull
 black. Length 7 wing $3\frac{1}{8}$ tail $2\frac{5}{16}$ ♂ ad. stomach contents
 insects

1145. *Otocoris alpestris leucolaema*. A. Wetmore. High
 Prairie, Minn. ♂. I. iris brown. maxilla and
 tip of mandible dusky brown. rest dull greenish
 white. tarsus dull brown. Length $6\frac{3}{16}$ wing $3\frac{7}{8}$
 tail $2\frac{3}{8}$ ♀ ad. stomach contents insects

1146. *Spiza americana*. A. Wetmore. High Prairie
 Minn. ♂. I. iris dark brown. gonyx dull buff.
 rest of mandible slate. maxilla dark brown.
 tarsus dull brown. Length $5\frac{7}{8}$ wing $3\frac{1}{8}$ tail 2 ♀ ad.
 stomach contents insects

1147. *Cyanospiza cyris*. A. Wetmore. Timber on
 Prairie, Minn. ♂. I. iris brown. maxilla black.
 commissure dull yellow. base of mandible light
 buff. rest pale slate. Length 5 wing $2\frac{3}{4}$ tail $2\frac{1}{4}$
 ♀ ad. stomach contents insects

1148. *Xanthocephalus xanthocephalus*. A. Wetmore.
 High Prairie, Minn. ♂. I. iris drab. bill blackish
 olive. tarsus black. Length 7 wing $4\frac{1}{2}$ tail $2\frac{7}{8}$
 ♀ ad. stomach contents insects

1149 *Ammodramus griseus* aeneas
(destroyed)

1150 *Actinia virens*

Western grasshopper Sparrow

Western Night Hawk

1149. *Ammodramus griseus* aeneas. D. W. Channing. Taken on Prairie, Illinois, U.S. iris pale yellow. bill black. tarsus black. length 10 1/2 wing 5 1/8 tail 4 3/8 feet. stomach contents insects.

1150. *Actinia virens*. D. W. Channing. Taken on Prairie, Illinois, U.S. iris brown. bill black. tarsus dark. length 11 1/2 wing 3 1/8 tail 3 feet. stomach contents insects.

This afternoon Ernest Woodworth and I went over Northeast of town. The country traversed was mainly high prairie covered with grass.

One of the first birds seen was the Western Grasshopper Sparrow or at least I took it to be *C. p. bimaculatus*. They were in the open fields and were fairly common. The males sat on the tops of weeds and sang. One song was ka-tick ka-tick ka-tick. Given in a very thin tone. Another was simply a succession of squeaky notes that reminded me of the Black and White Warbler but was not nearly as strong in tone as the song of that species. The flight was level and somewhat listless reminding me of Vesper Sparrow. The birds were evidently just beginning to nest. I got two males and two females. The song was so weak that it could be heard for scarcely any distance at all.

Western Night-Hawks were also flying. They came up from the ground occasionally but were usually seen in the air. They could be heard calling excitedly and would mount into the air to about sixty to eighty feet. Then they would dash down toward the ground and make a loud whining noise just as they turned. Just at the turn the wings were suddenly curved down and held stiff.

Bronzed Grackle

76. *Quiscalus quiscula* *aeneus*

Scissor-tailed Flycatcher

Yellow-breasted Chat

In a clump of trees in a lower place was a colony of Bronzed Grackles. There must have been thirty or forty pairs altogether. The nest ranged in height from seven to thirty feet. Most of them had young in but I got one set of eggs. One other set was taken but could not be blown because of the advanced stage of incubation which it was in. The young kept up a continual squeaky note but did not make much noise. The old birds were everywhere, in the air and in the trees. I saw them flying back and forth over the prairie.

76. *Quiscalus quiscula aeneus*. A. Wetmore.
Lumber on Prairie, Minn., U.S. nest in bush seven feet from ground. made of grass and leaves with a mud cup. lined with fine grass. Eggs 4, fresh.
♀ seen.

Also saw a pair of Scissor-tailed Flycatchers here. The male was much excited and flew around calling harshly and occasionally giving a crazy sky-dance. A succession of rapid up and down movements accentuated by spreading his long tail. A strange figure he seemed as he rocketed along through the air. The female was secured and a partially completed nest was found. It was in the top of a bush on the open. And was made of cotton from cotton-woods and the shavings of weathered wood.

Obtained two Yellow-breasted Chats here too. One was seen sitting in the open in a bush. It was singing loudly and all the while posturing absurdly. He would swing until his head hung down first on one side

Yellow breasted Chat (con.)

Yellow headed Blackbird

Kingbird
Purple Martin

1151 *Icterus galbula*

1152 *Coturniculus* ^{savannarum} ~~bimaculatus~~
bimaculatus

1153 *Vireo bellii*

1154 *Sterna antillarum*

1155 *Sialia sialis*

Mineo, d. I.

and then on the other. Another was seen going through the same antics. He also sang on the wing with hanging feet and tail jerking all the while from one side to the other.

On the High Prairie a flock of female and young Yellow-headed Blackbirds was seen and 2 females secured. They were feeding on an alfalfa field which had just been cut and when we came along lit on a fence. The female made an attempt at song and seemed to do as well as the male.

Tonight a Kingbird started across the open when a Purple Martin dashed down at it and made it dodge around, screaming to escape.

May 26, Friday.

1151. *Icterus galbula*. M. Woodworth, South Canadian River, Mineo, d. I. iris dull brown. maxilla black. mandible slate. tarsus bluish slate.

Length $7\frac{1}{2}$ wing $4\frac{1}{2}$ tail 3 $\frac{1}{2}$ Bad stomach contents insects

1152. *Coturniculus* ^{savannarum} ~~bimaculatus~~ *bimaculatus*. A. Wetmore High Prairie, Mineo, d. I. iris brown. base of gape buff. maxilla brown & rest of mandible dull slate. rest of maxilla dusky. tarsus pale brown.

Length $4\frac{7}{8}$ wing $2\frac{5}{8}$ tail $1\frac{1}{16}$ Bad stomach contents insects

1153. *Vireo bellii*. A. Wetmore. South Canadian River, Mineo, d. I. iris brown base of mandible pale brown. rest of bill dark dull brown. tarsus slaty brown. Length $4\frac{3}{4}$ wing $2\frac{3}{8}$ tail $1\frac{7}{8}$ Bad stomach contents insects

1154. *Sterna antillarum*. A. Wetmore, South Canadian River, Mineo, d. I. iris drab. tip of bill dusky rest orange yellow. tarsus same. claws black. Length $8\frac{1}{4}$ wing $6\frac{5}{8}$ tail $2\frac{3}{4}$ Bad stomach contents small fish.

1155. *Sialia sialis*. M. Woodworth. High Prairie, Mineo

1155 *Sialia sialis* (con.)

1156 *Sterna antillarum*

1157 *Quiraca caerulea lazuli*

1158 *Quiraca caerulea lazuli*

1159 *Mimus polyglottos*
leucopterus

1160 *Coccyzus americanus*

1161 *Sturnella magna neglecta*

1162 *Chordeiles virginianus*
herveyi

d. i. iris dull brown. bill blackish brown. gape yellow. tarsus dusky. length $6\frac{1}{4}$ wing $3\frac{7}{8}$ tail $2\frac{1}{4}$ ♂ im. stomach contents insects

1156. *Sterna antillarum*. M. Woodworth, South Canadian River, Minco, d. i. iris brown. tip of bill dusky. rest orange yellow. tarsus same. claws black. length $8\frac{5}{8}$ wing $6\frac{1}{6}$ tail $2\frac{7}{8}$ ♂ ad. stomach contents. small fish

1157 *Quiraca caerulea lazuli*. Q. Wetmore. South Canadian River, Minco, d. i. iris brown. maxilla black. mandible slate. buff spot at base of gonyx. tarsus dusky. length $6\frac{3}{8}$ wing $3\frac{5}{8}$ tail $2\frac{9}{16}$ ♂ ad. stomach contents insects.

1158. *Quiraca caerulea lazuli*. Q. Wetmore. South Canadian River, Minco, d. i. iris brown. maxilla dusky. mandible slate. tarsus dull brown. length $6\frac{1}{2}$ wing 3 tail $2\frac{1}{2}$ ♀ ad. stomach contents insects

1159. *Mimus polyglottos leucopterus*. Q. Wetmore. South Canadian River. Minco, d. i. iris dull yellow. bill black. base of mandible dull brown. tarsus dusky. length 10 wing $4\frac{1}{2}$ tail 5 ♂ ad. stomach contents insects.

1160. *Coccyzus americanus*. M. Woodworth South Canadian River, Minco, d. i. iris brown. maxilla and tip of mandible dusky. rest yellow. tarsus slate. length $11\frac{1}{4}$ wing $5\frac{3}{4}$ tail $5\frac{3}{8}$ ♀ ad. stomach contents insects

1161. *Sturnella magna neglecta*. Q. Wetmore. High Prairie, Minco, d. i. iris brown. ~~at~~ culmen pale rufous brown. rest of maxilla hair brown. mandible greenish drab. tarsus pal brown. length $8\frac{7}{8}$ wing $4\frac{1}{2}$ tail $2\frac{5}{8}$ ♀ ad. stomach contents insects

1162. *Chordeiles virginianus herveyi*. Q. Wetmore. South Canadian River, Minco, d. i. iris brown.

1162 C. v. henryi (con.)

1163 Chordeiles virginianus
henryi

1164 Chordeiles virginianus
henryi

1165 Chordeiles virginianus
henryi

1166 Chordeiles virginianus
henryi

1167 Hydrochelidon nigra
surinamensis

1168 Hydrochelidon nigra
surinamensis

1169 Hydrochelidon nigra
surinamensis

1170 Hydrochelidon nigra
surinamensis

1171 Muscivora forficata

bill black. tarsus purplish brown. Length $9\frac{1}{8}$
wing $8\frac{1}{16}$ tail $4\frac{1}{4}$ ♂ ad. stomach contents insects

1163. Chordeiles virginianus henryi. A. Wetmore.
South Canadian River. Minco, d. I. iris brown.

bill dusky. tarsus purplish brown. Length $8\frac{3}{4}$
wing $8\frac{5}{8}$ tail $4\frac{1}{4}$ ♂ ad. stomach contents insects

1164. Chordeiles virginianus henryi. A. Wetmore.
South Canadian River. Minco, d. I. iris brown.

bill dusky. tarsus purplish brown. Length 9
wing 8 tail $4\frac{1}{4}$ ♂ ad. stomach contents insects

1165. Chordeiles virginianus henryi. A. Wetmore.
South Canadian River. Minco, d. I. iris brown.

bill dusky. tarsus dull brown. Length 9 wing 8
tail $4\frac{1}{8}$ ♂ ad. stomach contents insects

1166. Chordeiles virginianus henryi. A. Wetmore.
South Canadian River, Minco, d. I. iris brown.

bill dusky. tarsus purplish brown. Length $9\frac{1}{4}$
wing 8 tail $4\frac{1}{2}$ ♂ ad. stomach contents insects

1167. Hydrochelidon nigra surinamensis. A. Wetmore.
Pond. Minco, d. I. iris brown. bill black. gape

dull red. tarsus very dark red. Length $9\frac{3}{4}$ wing $8\frac{1}{2}$
tail $3\frac{3}{8}$ ♂ ad. stomach contents insects.

1168. Hydrochelidon nigra surinamensis. A. Wetmore.
Pond, Minco, d. I. iris brown. bill black. gape dull

red. tarsus very dull dark red. Length $9\frac{1}{2}$ wing $8\frac{1}{8}$
tail 3. ♀ ad. stomach contents insects.

1168. Hydrochelidon nigra surinamensis. M. Woodworth
Pond Minco, d. I. iris dark brown. bill black. gape

dull red. tarsus brownish red. Length $9\frac{7}{8}$ wing $8\frac{1}{2}$
tail $3\frac{1}{2}$ ♀ ad. stomach contents insects.

1170. Hydrochelidon nigra surinamensis. M. Woodworth
Pond, Minco, d. I. iris brown. bill black. gape dull

red. tarsus dark reddish brown. Length $9\frac{1}{2}$ wing $8\frac{1}{4}$
tail $3\frac{1}{16}$ ♀ ad. stomach contents insects.

1171. Muscivora forficata. A. Wetmore. South Canadian

1171? *Muscivora forficata* (con.)

1172 *Muscivora forficata*

1173 *Muscivora forficata*
J. S. Hensley

Jamison

Mass

9/1/08

1174 *Muscivora forficata*

1175 *Fulica americana*

1176. *Aythya affinis*

77. *Agelaius phoeniceus*

78. *Zenaidura macroura*

79. *Zenaidura macroura*

River, Minco, d. I. iris drab brown. bill black. tarsus dull brown. Length 14 wing $5\frac{1}{4}$ tail 9 ♂ ad. stomach contents insects.

1172. *Muscivora forficata*. A. Wetmore. South Canadian River. Minco, d. I. iris brown. bill black. tarsus dull black Length $13\frac{1}{2}$ wing $5\frac{1}{4}$ tail $8\frac{1}{2}$ ♂ ad. stomach contents insects.

1173. *Muscivora forficata*. A. Wetmore. South Canadian River, Minco, d. I. iris brown. bill black tarsus dull black. Length $14\frac{1}{2}$ wing $5\frac{3}{8}$ tail $9\frac{3}{8}$ ♂ ad. stomach contents insects.

1174. *Muscivora forficata*. A. Wetmore. South Canadian River. Minco, d. I. iris brown. bill dull black. tarsus dusky. Length $13\frac{1}{2}$ wing 5 tail $8\frac{1}{8}$ ♂ ad. stomach contents insects.

1175. *Fulica americana*. A. Wetmore. Pond, Minco, d. I. iris red. frontal plate and ring on tip of bill dark red. rest of bill white. tarsus green. joint marked with dull purple. Length $13\frac{3}{8}$ wing $7\frac{1}{8}$ tail $1\frac{3}{4}$ ♀ ad stomach contents seeds.

1176. *Aythya affinis*. A. Wetmore. Pond, Minco, d. I. iris golden brown. bill blue. base of maxilla and nail dark brown. Tarsus drab slate. (sua) Length $16\frac{1}{8}$ wing $7\frac{3}{4}$ tail $1\frac{1}{8}$ ♀ ad. stomach contents?

77. *Agelaius phoeniceus*. A. Wetmore. Edge of Pond, Minco, d. I. Nest in top of willow two feet from water. strongly made of grass. Eggs 2 fresh ♀ seen.

78. *Zenaidura macroura*. A. Wetmore. High Cornfield, Minco, d. I. Nest on ground in cornfield. made of a put roots and bits of grass Eggs 1 fresh ♀ seen.

79. *Zenaidura macroura*. A. Wetmore. South Canadian River, Minco d. I. Nest on top of driftwood. about two feet up. made of bits of grass and rootlets

79. *Zenaidura macroura* (cor.)
 80. *Spiza Americana*

81. *Icterus spurius*

82. *Vireo bellii*

Western Meadowlark

Sturnella magna

Western Grasshopper Sparrow

Western Night-hawk

Eggs 2 fresh ♀ seen.

80. *Spiza Americana*. M. Woodworth. South Canadian River, Minco, d. J. nest in Plum bush 1 1/2 ft from ground. made of grass and bit of weed lined with fine grass. Eggs 1 fresh ♀ seen.

81. *Icterus spurius*. A. Whitmore. South Canadian River, Minco, d. J. nest in top of cottonwoods 23 ft from ground. Saddled on small limbs. Made of grass which was green when first used but now had changed color. lined with cottonwood cotton. Eggs 5 fresh ♀ seen.

82. *Vireo bellii*. M. Woodworth. South Canadian River, Minco, d. J. nest in plum bush. hung in crotch 1 1/2 ft from ground. Nest made of grass and weeds covered with bits of cottonwood lined with fine grass. Eggs 3 + 1 *Molothrus ater* fresh ♀ seen.

This morning Marvin and I drove over and spent the day on the South Canadian River. In the high prairie we found a pair of Western Meadowlarks. They gave the usual call note and the male sang several times. I shot the female and the male circled around us for some time but kept out of shot. All the others seen were *Sturnella magna*. They were common all along and sang continually.

One Western Grasshopper Sparrow was taken. It was sitting on a wire fence singing. Several others were heard and seen. They would be easily overlooked because of their retiring habits and weak song.

Western Night-hawks were seen commonly. One was taken on a fence-post and another as it flew from the top of a pile by the river. Many were seen flying around. One male was engaged in courtship. He would rise to eighty feet in the air and then

Western Nighthawk (con.)

Scissor-tailed Flycatcher

Just then

dash down past the female who flew close to the ground. Just at the turn he would boom right beside her. She usually swooped off. When he boomed the wings were strongly decurved. All those taken were males. In the afternoon it clouded up and many others were seen.

Scissor-tailed Flycatchers were common along the river today but were rather hard to get near. The males occasionally zigzagged through the air excitedly reminding me of nighthawk-chasers. In the flying the tail was occasionally spread wide and then shut. They flew along over the flat plain lighting either on the ground or on a weed or piece of driftwood. While on the ground they were very conspicuous. Sometimes I would follow them for a long distance without getting a shot. They would fly ahead of me always just before I got within range.

Six or eight least terns were seen along the river and two were taken. They were feeding along the edge and in shallow places over the water. They were hard to see at a distance as their light plumage shaded into the sky. The two we shot came beating up along the edge and worked back into a little slough. Further down they were hovering over a sand bank just out of range. Sometimes they lift but usually hover in the air remaining in one place in spite of the wind. When tired they ducked around a bit but soon came at their old method. They also were seen chasing each other high in the air calling harshly. I think they are just beginning to mate.

Bell Vireo

Western Blue Grosbeak

Baltimore Oriole
Orchard Oriole

Bell Vireo were very common but were hard to see. They kept in the thick brush and the males sang continually. They were sometimes seen sitting quietly on a perch in plain sight and singing. One nest was found that was not quite completed and another with eggs in it. Both were in plum brush and were about one and one half feet from the ground. The old birds made no protest whatever to my looking at them. These nests were a perfect Vireo basket but looked very small to my eyes. They were finely built and appeared to be perfect. It was all I could do to get my fingers in them to get the eggs out without breaking them.

Several Western Blue Grosbeaks were seen and a pair secured. They seem to prefer the open places where there is a growth of weeds. They seem to keep along the railroad track also. They do not seem as wild as they do at Independence and sing the same. They do not come to town at all. They are usually seen in pairs but are not nesting yet.

Around a clump of Cottonwood trees were several Baltimore and Orchard Orioles. The wind blew the leaves so that they were hard to find but we could hear their notes nearly all the while. Saw one female d. sparrow fly into the top of a small cottonwood and on looking closely discovered a nest. It was clear in the top and was so well concealed with leaves that I would never have seen it without the aid of the bird. I threw several sticks through the top of the tree but the female refused to leave until I started up the tree. The wind blew so that it was all I could do to balance in the slender

Orchard Oriole (con.)

Mourning Dove

Dickcissel

Red-shafted Flicker

top. The nest was fairly deep and was suspended by the rim. A number of twigs were also woven into the sides and bottom and it was therefore very solid and not pendulous like the nest of *O. albula*. The nest was composed mainly of grass which had been pulled while it was green but now had faded. It was very strongly woven together and was quite thick. The eggs were very handsome and made a fine looking set.

As we were walking along the river shore we scared a Mourning Dove from her nest on a pile of driftwood. There were two eggs in it and they were laid in a little depression. Later I found another on the ground in a cornfield between two rows. The female flew off and began to roll and tumble along the ground as if she had a broken wing. The nest was only a few twigs and bits of grass arranged in a hollow.

In a clump of buck-bush Marvin found a Dickcissel's nest with one egg in it and as I expected this to be my last day I took it. The nest was near the ground and was made something like the Field Sparrows nest but was larger and thicker. I found several last years nest but this was the only new one seen. The birds were singing on all sides but none came to claim the nest.

On the way home a Red-shafted Flicker flew up beside the road and crossed a field. It lit on a telegraph wire and then dropped to the ground. I went after it and it flew ahead of me for long distances at a time. I followed it for over a mile and then it flew over a rise and I lost it. It went down on the ground and acted in every way like the eastern bird.

Bluebird

Black Tern

Least Tern

Lesser Scaup Duck

American Coot

Along the back were a number of Bluebirds. We secured one young one that had been hatched this spring but was in full plumage. The adults called and sang as they do farther north and it was like seeing a friend among strangers to see this bird among so many new ones.

In the pond were thirty or more Black Terns. They kept circling around in one place rising and falling and dipping into the water. We waded out among them but they kept away from us for a while but finally we were surrounded by them. The air seemed full of their quickly moving forms and it was hard to tell which one to take first. Four were secured all together and then the others left. When one dropped the others circled around it for a time but soon went on. They called harshly and were in full plumage. This is the first time I have seen these birds since I left Lake Koshkonong. They did not get up high in the air but remained close to the water. There were one or two Least Terns with them.

There were three Ducks in sight on the Pond in the open water. They kept swimming and so kept away from us but finally flew and another joined them from the other end. They kept wheeling around and finally I shot. One dropped its feet and went down and the other came down inside it but I got no more shots. It was a Lesser Scaup Duck. It was one that had been crippled in the spring shooting as there was a big laceration on one wing. The others were probably in the same condition as they made no attempt to leave the pond.

Several American Coots were seen and one taken as it flew past me.

1177 *Hydrochelidon nigra*
surinamensis

1178 *Querquedula discors*

1179. *Aythya affinis*

Lesser Scaup Duck

Blue winged Teal

American Coot

Miner, J. J.

May 29 Monday.

1177. *Hydrochelidon nigra surinamensis*. Q. Wetmore Pond, Minco, D. J. iris dull brown. bill black. gape dull red. Tarsus black with slight reddish tint. Length $9\frac{1}{2}$ wing $7\frac{3}{4}$ tail $3\frac{1}{16}$ ♂ im. Stomach contents insects.

1178. *Querquedula discors*. Q. Wetmore Pond Minco, D. J. iris light brown. bill black. Tarsus dull yellowish orange. Length $15\frac{1}{4}$ wing $7\frac{3}{8}$ tail $2\frac{3}{8}$ ♂ ad. Stomach contents seeds.

1179. *Aythya affinis*. Q. Wetmore Pond Minco, D. J. iris dull yellowish brown. bill bluish dusky with blue spots near tip. Tarsus drab blue, joints dusky. Length $15\frac{1}{16}$ wing $7\frac{3}{8}$ tail $1\frac{3}{4}$ ♀ ad. Stomach contents seeds.

This afternoon Marvin and Ernest Woodworth and I went down to the Pond in the pasture. In a little slough at one end were four or five ducks. We sat on shore and as it flew I got it. It was another Lesser Scaup Duck.

The others were the same species. They flew down into the reeds and we only were able to frighten one up and that got away.

A male Blue winged Teal flew up and I got it. It had the tip of one wing shot off but I kept it as it was in good plumage.

About twenty-five American Coots were seen. They flew up ahead of me continually as I waded and after splashing along the top of the water managed to get into the air. Their necks appeared very thick near the body while flying and they could easily be distinguished by the white bill. When swimming on the water they nodded the head back and forth.

American Coot

Black Tern

Least Tern

Black Tern

Yellow Warbler

Western Mockingbird

They sometimes lit in the open water but usually kept in the reeds. They called a good deal; a loud coo-coo coo-coo-coo in a somewhat deep guttural tone. I was told that in the spring there were thousands of them here, so many that they blackened the water.

One or two Black Terns were seen beating over the water and two Least Terns came for a while. The latter circled some over the water but spent much of their time in chasing each other high in the air. They were not as systematic in their feeding habits as the Black Terns.

One Black Tern was seen sitting on a fence-post in the water. Later a single immature specimen came. It began to beat up along the rushes and the shore circling back and forth and covering every bit of ground all around the pond. It kept swinging around and around and finally came within gunshot as I lay behind some willows and I dropped. It was very peculiar in appearance as it was just losing the white plumage. The back was also slightly tinged with brown.

A pair of Yellow Warblers have a nest in the yard and spend their time in the trees around. The male gets up on the chimney and sings for several minutes at a time. He stops there everytime he passes.

Saw a Mockingbird eating Mulberries.

Expected to leave tomorrow but the bridges on the South Canadian River have been carried away.

1180 *Colinus virginianus texanus*

1181 *Colinus virginianus texanus*

1182 *Piranga rubra*

1183. *Dryobates pubescens medianus*

1184 *Dryobates pubescens medianus*

1185 *Chordeiles virginianus henryi*

1186 *Chordeiles virginianus henryi*

1187 *Chordeiles virginianus henryi*

Mineo, d. I.

May 31, Wednesday.

1180. *Colinus virginianus texanus*. M. Woodworth.
Bacon's Ranch, Mineo, d. I. ranch in Oklahoma.
iris brown bill black. tarsus very pale brown.
Length 9 wing $4\frac{5}{8}$ tail $2\frac{3}{4}$ ♂ ad. stomach contents seeds.

1181. *Colinus virginianus texanus*. M. Woodworth.
Bacon's Ranch, Mineo, d. I. iris brown.
bill black. tarsus pale brown. Length 9 wing $4\frac{3}{4}$
tail $2\frac{7}{8}$ ♂ ad. stomach contents insects.

1182. *Piranga rubra*. A. Wetmore. Bacon's ranch in
Oklahoma, Mineo, d. I. iris brown. bill olive green.
maxilla brownish and base of mandible more
orange. tarsus drab slate. Length $7\frac{3}{4}$ wing $3\frac{7}{8}$
tail $2\frac{3}{4}$ ♂ ad. stomach contents insects.

1183. *Dryobates pubescens medianus*. L. E. Bacon.
Bacon's ranch
Leal, d. I. near Mineo, d. I. iris pale brown. bill drab.
base of mandible paler. tarsus drab green. Length $6\frac{1}{4}$
wing $3\frac{3}{4}$ tail $2\frac{1}{8}$ ♂ ad. stomach contents insects.

1184. *Dryobates pubescens medianus*. L. E. Bacon.
Bacon's Ranch, Leal, d. I. near Mineo, d. I. iris brown.
gonys sides of mandible and maxilla black. rest
of mandible horn. tarsus greenish drab. Length 6
wing $3\frac{3}{8}$ tail $2\frac{1}{8}$ ♂ im. stomach contents insects.

1185. *Chordeiles virginianus henryi*. A. Wetmore.
High Prairie, Mineo, d. I. iris brown. bill black.
tarsus brown. Length $8\frac{3}{4}$ wing $7\frac{1}{2}$ tail $4\frac{1}{4}$ ♀ ad.
stomach contents insects.

1186. *Chordeiles virginianus henryi*. A. Wetmore.
High Prairie, Mineo, d. I. iris brown. bill black.
tarsus dull brown. Length $8\frac{3}{8}$ wing 8 tail $4\frac{1}{8}$ ♂ ad.
stomach contents insects.

1187 *Chordeiles virginianus henryi*. M. Woodworth.
Bacon's ranch, Leal, Oklahoma, near Mineo, d. I.
iris brown. bill black. tarsus brown. Length 9
wing $7\frac{3}{4}$ tail $4\frac{1}{8}$ ♀ ad. stomach contents insects.

1188 *Chordeiles virginianus henryi*

1189 *Chordeiles virginianus henryi*

1190 *Zenaidura macroura*

1191 *Thryomanes bewickii cryptus*

1192 *Geothlypis trichas brachydactyla*

1193 *Quiraca caerulea lazuli*

1194 *Quiraca caerulea lazuli*

1195 *Parus atricapillus*

1188. *Chordeiles virginianus henryi*. M. Woodworth. High Prairie Mines, D. I. iris bright brown. bill black. tarsus brown. Length $9\frac{1}{4}$ wing $8\frac{1}{4}$ tail $4\frac{3}{8}$ ♂ ad. stomach contents insects.

1189. *Chordeiles virginianus henryi*. A. Wetmore. Bacon's Ranch, Seal, D. I. near Mines, D. I. iris brown. bill black. tarsus brown. Length $9\frac{1}{8}$ wing $8\frac{1}{4}$ tail $4\frac{3}{8}$ ♀ ad. stomach contents grasshopper.

1190. *Zenaidura macroura*. A. Wetmore. High Prairie, Mines, D. I. iris brown. bill black. gape purplish red. tarsus dull red. Length 12 wing $5\frac{7}{8}$ tail $5\frac{5}{8}$ ♂ ad. stomach contents field corn.

1191. *Thryomanes bewickii cryptus*. A. Wetmore. Bacon's Ranch, Seal, D. I. near Mines, D. I. iris brown. maxilla black. tip of mandible dusky. rest very dull white. tarsus slaty brown. Length $5\frac{3}{8}$ wing $2\frac{3}{8}$ tail $2\frac{1}{4}$ ♂ ad. stomach contents insects.

1192. *Geothlypis trichas brachydactyla*. A. Wetmore. Bacon's ranch, Seal, D. I. near Mines, D. I. iris brown. bill very dark brown. tarsus pale brown. Length $4\frac{3}{4}$ wing $2\frac{3}{16}$ tail $1\frac{3}{4}$ ♀ ad. stomach contents insects.

1193. *Quiraca caerulea lazuli*. A. Wetmore. Bacon's ranch, Seal, D. I. near Mines, D. I. iris brown. maxilla black. base of gonys pale pink. mandible rami dull white rest of mandible pale slate. Length $6\frac{3}{4}$ wing $3\frac{3}{4}$ tail $2\frac{5}{8}$ ♂ ad. stomach contents seeds.

1194. *Quiraca caerulea lazuli*. A. Wetmore. Bacon's ranch, Seal, D. I. near Mines, D. I. iris brown. maxilla dusky. mandible pale olive brown. tarsus brown. Length $6\frac{3}{4}$ wing $3\frac{1}{2}$ tail $2\frac{5}{8}$ ♀ ad. stomach contents seeds.

1195. *Parus atricapillus*. A. Wetmore. Bacon's Ranch, Seal, D. I. near Mines, D. I. iris dark brown. bill black. tarsus slate. Length $4\frac{3}{4}$ wing $2\frac{9}{16}$ tail $2\frac{1}{4}$

1195. *Parus atricapillus* (con.)
 1196 *Coturniculus savannarum* *bimaculatus*

1197. *Dryobates pubescens medianus*

1198 *Coturniculus savannarum* *bimaculatus*

83 *Vireo bellii*

Western Grasshopper Sparrow

Western Meadowlark

♀ im. stomach contents. insects
 1196. *Coturniculus ~~savannarum~~ bimaculatus* Q. L. Wetmore.
 Bacon's Ranch, Cal. O. I. near Minco, d. I. iris brown.
 maxilla dusky. ~~tip~~ base of maxilla and mandible
 slate. rest of mandible pale buff. tarsus buffy brown.
 Length $5\frac{1}{8}$ wing $2\frac{5}{8}$ tail $2\frac{1}{4}$ Fat. Stomach contents
 insects

1197. *Dryobates pubescens medianus*. J. E. Bacon.
 Bacon's ranch. Cal. O. I. near Minco, d. I. iris
 brown. bill black. base of mandible dull greenish
 drab. tarsus greenish slate. Length 6 wing $3\frac{3}{4}$
 tail $2\frac{1}{8}$ Fat. Stomach contents. insects

1198. *Coturniculus ~~savannarum~~ bimaculatus*.
 Q. Wetmore. High Prairie, Minco, d. I. iris brown
 maxilla brown. rest of bill pale reddish buff.
 No ornament on sides. tarsus dull buff. Length 5
 wing $2\frac{1}{2}$ tail $1\frac{1}{4}$ Fat. Stomach contents. insects.

83. *Vireo bellii*. Q. Wetmore. Woodworth's Orchard, Minco,
 d. I. Nest in apple tree 4 feet from ground. made of wood
 shavings paper and cotton lined with fine grass
 and horsehair. Eggs 3 + 1. *Melospiza atr.* incubation
 fresh. ♂ + ♀ seen.

This morning Marvin Woodworth and I
 drove over to Mr. Bacon's across the Oklahoma
 line. It was clear and hot all day and
 birds were numerous.

All along the road Western Grasshopper
 Sparrows were seen. They sat on the tops of
 the fenceposts singing and also occupied the
 tops of Buffalo peas. They sat so still and were
 so small that they were more often heard
 than seen.

Several Western Meadowlarks were heard.
 They were on the high prairie with the others
 but were widely scattered. On every respite stopping

Western Meadowlark (con.)

Downy Woodpecker

Chicadee

Texas Bobwhite

Texas Bewick Wren.

Forky Bullies

that of note they resemble the eastern species.

In a little canyon or gulch we got three Downy Woodpeckers one of which was a young one. It was fully feathered and had probably been out of the nest for some time. They were hopping around slowly in the branches of a Cottonwood. An immature Chicadee was also obtained.

Texas Bobwhites were common along the edges of canyons they whistled and called to each other exactly like the home birds do. They were also seen running along the roads and appeared to be quite tame. Frequently when they flew they would drop back into a wheat field and be immediately lost to view. Another favorite place was thickets of sumach from which they burst with roaring wings.

Near the house I heard a loud clear song and saw a Texas Bewick Wren. It sat on a fence post singing and kept throwing its long spotted tail around in a very noticeable manner. The song was very pleasing and could be heard for quite a distance. The bird kept flying along a fence calling *tyer* exactly like a Blue-gray Gnatcatcher but in a louder tone. Then it flew with a quick up and down fly for about forty rods to a patch of oak brush and began singing again. I could not locate it for some time but finally it flew onto a dead branch in the top of an oak and with hanging tail and head thrown back sang. It was in somewhat worn plumage but was in good shape nevertheless.

In one place six or eight Forky Vultures were seen soaring around over one place. And

Sankey Vulture (con.)

Red-shafted Flicker

Western Night hawk

Texas Bewick Wren

Pallid Horned Lark
Crested Flycatcher

I stopped to watch them. The ease and swiftness with which they turned and soared seemed marvellous. They kept getting farther up until finally I ceased to watch them.

Saw another Red-shafted Flicker but could not secure it. It flew from the ground into a tree and I tried to sneak up on it. It flew before I was in range and kept behind the tree so that I could not see it. Soon it was out of sight with its long, easy, bounding flight.

Along the road going home great numbers of Western Night Hawks were seen. Along towards dusk they were especially numerous. They were sometimes seen in the road but were usually flying. The males would mount high in the air and then rushing down boom beside the female and then if she was flying pursue her for a short distance. One was seen sitting on a wire of a fence as any other percher would. I could hardly believe that it was a Night hawk and had to get out and scare it up to make sure. It lit farther on in the same position. numbers were seen on fence posts. Sometimes when we passed they would sidle along to the edge but would not fly.

(June 2, Friday)

Heard another Texas Bewick Wren singing in Oklahoma city but did not see it. (Saw Pallid Horned Larks in the road with their first broods and a pair of Crested Flycatchers started a nest in a bird house, the female doing the work.)

Birds seen at Minco May 1905

Birdlist May 23-31, 1905

Minco, O. I.

- | | |
|-----------------------------|-------------------------------|
| ✓ Purple Martin | ✓ Western Grasshopper Sparrow |
| ✓ English Sparrow | ✓ Yellow-breasted Chat |
| ✓ Dickcissel | ✓ American Goldfinch |
| ✓ Orchard Oriole | ✓ Chickadee |
| ✓ Bell Vireo | ✓ Tufted Titmouse |
| ✓ Least Tern | ✓ Red-bellied Woodpecker |
| ✓ Bluebird | ✓ Cowbird |
| ✓ Western Night-hawk | ✓ Blue-gray Gnatcatcher |
| ✓ Lark Sparrow | ✓ White-rumped Thrift |
| ✓ Red-headed Woodpecker | ✓ Yellow Warbler |
| ✓ Wood Pewee | ✓ Crested Flycatcher |
| ✓ Scissor-tailed Flycatcher | ✓ Kentucky Warbler |
| ✓ Cardinal | ✓ Lesser Scaup Duck |
| ✓ American Coot | ✓ Black Tern |
| ✓ Solitary Sandpiper | ✓ Red-shafted Flicker |
| ✓ Pallid Horned Lark | ✓ Canada Goose |
| ✓ Meadowlark | ✓ Yellow-headed Blackbird |
| ✓ Western Meadowlark | ✓ Baltimore Oriole |
| ✓ Western Blue Grosbeak | ✓ Killdeer |
| ✓ Western Mockingbird | ✓ Mourning Dove |
| ✓ Northern Yellowthroat | ✓ Spotted Sandpiper |
| ✓ Red-winged Blackbird | ✓ Blue-winged Teal |
| ✓ Bronzed Grackle | ✓ Olive-backed Thrush |
| ✓ Yellow-billed Cuckoo | ✓ Rough-winged Swallow |
| ✓ Kingfisher | ✓ Red-tailed Hawk |
| ✓ Crested Flycatcher | ✓ Texas Burriel Wren |
| ✓ Painted Bunting | ✓ Summer Tanager |
| ✓ Indigo Bunting | ✓ Acadian Flycatcher |
| ✓ Texas Bobwhite | ✓ Barn Swallow |
| ✓ Turkey Vulture | ✓ Downy Woodpecker |
| ✓ Bluejay | ✓ Warbling Vireo |
| ✓ Crow | 64. ✓ Kingbird |

F. Q. Wetmore.

1905.

March 25 - May 31, 1905

Independence, Kansas

Miner, Indian Territory

Number 888-1198

Eggs 70-83 } inclusive.

F. A. Wetmore.

1905.

March 25 - May 31, 1905

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#603 Zonotrichia

queens to A. K. F. 11/15

